

Modification A to Funding Agreement No. 1
Statement of Work
North Carolina Flood Mapping Program
Initial Phase

Purpose

This document modifies Funding Agreement No. 1 between the State of North Carolina and the Federal Emergency Management Agency. Funding agreement No. 1 was signed on September 18, 2000 and summarized the then-available funding sources and amounts for the Initial Phase of the State of North Carolina Flood Mapping Program. This Initial Phase will result in updated flood data and digital Flood Insurance Rate Maps (DFIRMs) for the counties and communities in the six eastern river basins in the State. This Initial Phase will also include design, development, and implementation of a dynamic, state-of-the art Information Technology (IT) system to analyze, maintain, archive, and disseminate the flood maps and associated flood hazard data.

Background

The State of North Carolina, through FEMA's Cooperating Technical Partner (CTP) initiative, has been designated as a Cooperating Technical State (CTS). As a CTS, the State will conduct flood hazard analyses to produce updated DFIRMs and assume primary ownership and responsibility of DFIRMs for all North Carolina communities.

The North Carolina Flood Mapping Program includes the acquisition, processing, and dissemination of current, accurate, and detailed elevation data, flood hazard studies, and maps for all 17 river basins in North Carolina. In the Initial Phase, the State plans to complete six of the 17 river basins, which comprises approximately half of the State. These river basins include:

- Lumber
- Cape Fear
- White Oak
- Neuse
- Tar-Pamlico
- Pasquotank

The State and FEMA, as well as other Federal Agency partners, signed an overall Memorandum of Agreement to collaborate on the State's flood mapping program on September 15, 2000. Further, the State and FEMA have identified specific tasks to undertake and are in the process of developing Mapping Activity Statement (MAS) agreements. These MAS agreements define the roles, responsibilities, and resources being committed to accomplishing these tasks by North Carolina, FEMA, and other Federal Agencies. The MAS agreements also specify the applicable standards for conducting hazard analyses and developing the maps and associated products.

For the Initial Phase of the North Carolina Flood Mapping Program, the following MAS agreements have been developed:

Agreement	Title
A	Project Scoping for Six Eastern Basins
B	Digital Data Management
C	Digital Base Map Data for Six Eastern Basins
D	Digital Elevation Data Development for Six Eastern Basins
E	Updated Flood Hazard Data and Digital FIRM Production for Six Eastern Basins
F	Technology and Data Standards

Mapping Activity Statement A was signed and executed by the State of North Carolina and FEMA on January 9, 2001. MAS B, C, and D were signed and executed on July 15, 2001. Also, MAS E is in the process of being signed.

Funding Agreement No. 1 and this modification pertain only to the MAS agreements specified in the table above.

Performance Period

All products defined under this acquisition shall be completed by the end of Federal Fiscal Year 2002 (September 30, 2002).

Scope

The work covered under Funding Agreement No. 1 (as amended by this modification) and the MAS agreements specified above can be broken into three components: (1) Engineering and Mapping (2) Design and Implementation of an IT System; and (3) Map Production Coordination. These components were summarized in Funding Agreement No. 1.

Funding

The total cost for components 1 and 2 of the Initial Phase of the State's program is estimated to be \$38 million. Under Funding Agreement No. 1, the State allocated \$23.2 million toward this effort. Additionally, the State allocated \$5 million from the allowable management costs from Federal disaster relief funding (provided pursuant to the Stafford Act for Hurricane Floyd recovery) for the flood mapping effort. The updated engineering studies and DFIRMs will help administer and guide Hurricane Floyd recovery activities. Also under Funding Agreement No. 1, FEMA obligated \$1 million from its FY 2000 Flood Mapping budget for this effort. This \$1 million was specifically designated for activities defined under Mapping Activity Statement E.

Under this modification to Funding Agreement No. 1, the State of North Carolina is obligating an additional \$1.0 million and FEMA is obligating \$1.0 million from its FY 2001 Flood Mapping Budget. This \$1 million from FEMA is also specifically designated for activities defined under Mapping Activity Statement E. This brings the total available funding for

components 1 and 2 of the Initial Phase of the North Carolina Flood Mapping Program to \$31.20 million as shown in the table below.

Funding Source	Amount Available
Funding Agreement No. 1	\$29.20 million
State of North Carolina	\$23.20 million
FEMA- Disaster Relief Funding	\$ 5.00 million
FEMA- FY 2000 Flood Mapping Budget	\$ 1.00 million*
Modification	\$ 2.00 million
State of North Carolina	\$ 1.00 million
FEMA- FY 2001 Flood Mapping Budget	\$ 1.00 million*
Total for Components 1 and 2 of Initial Phase of North Carolina Flood Mapping Program	\$31.20 million

* Specifically for activities defined under Mapping Activity Statement E

As funding from other CTS Federal Agency Partners is obtained, modifications to this funding agreement will be issued.

The State has the discretion to allocate this funding for specific tasks for the project, provided that the work performed complies with the requirements stated within the referenced MASs. Additionally, this funding may be used by the State of North Carolina to contract with private engineering, land surveying, and/or aerial surveying firms for necessary professional services to complete project tasks. Procurement of such contractors shall comply with the requirements of Section 13.36 of Title 44 Code of Federal Regulations and North Carolina General Statute 89C.

Component 3 (Map Production Coordination) of the Initial Phase will be completely funded by FEMA.

Each party has caused this Funding Agreement to be executed by its duly authorized representatives.


 John Dorman, NC OSBPM

7/26/01
 date


 A. Todd Davison, FEMA

7/27/01
 date