

FOR COMMENT AND REVIEW ONLY

EMERGENCY SUPPORT FUNCTION - 3 - PUBLIC WORKS

PRIMARY AGENCY

The Kentucky Finance and Administration Cabinet

SUPPORT AGENCIES

Kentucky Division of Emergency Management
Kentucky Transportation Cabinet
Kentucky Energy and Environment Cabinet – Division of Water, Division of Waste Management
Kentucky Department for Public Health
Kentucky Water/Wastewater Agency Response Network (KyWARN)
Kentucky Department of Housing, Buildings, Construction
United States Army Corps of Engineers
Natural Resource Conservation Service
Federal Emergency Management Agency

MISSION

The Mission of ESF - 3 is to procure engineering and construction services necessary to provide or restore critical public facilities such as water and sewer systems damaged during disasters. Procured services include provision of emergency power supplies for critical facilities; emergency ice, snow, and debris removal, potable water and sewer infrastructure, coordination of emergency repairs to public facilities, appropriate construction services (i.e., electrical, plumbing, soils, etc.), and emergency demolition or stabilization of damaged structures and facilities designated as hazards to public health.

The Kentucky Transportation Cabinet (KYTC) may directly procure technical expertise regarding the structural safety of damaged buildings, bridges and highways; and restoration of transportation infrastructure in accordance with the responsibilities assigned to them under ESF -1.

ESF - 3 will cooperate and coordinate with other ESFs including ESF -1 as needed to ensure that Commonwealth assets are deployed effectively and in response to appropriate priorities for the protection of the health, safety, and welfare of the citizens of the Commonwealth.

ASSUMPTIONS

The Kentucky Finance and Administration Cabinet is responsible for coordinating the procurement of immediate and continued engineering resources, construction management, emergency contracting, and expertise following a disaster.

The Kentucky Finance and Administration Cabinet will coordinate with the Kentucky Division of Emergency Management (KyEM) and Federal Emergency Management Agency (FEMA) to ensure that contracting provisions for services under ESF - 3 are in

FOR COMMENT AND REVIEW ONLY

accordance with the FEMA Public Assistance program guidance and Emergency Management Assistance Compact documentation.

Individual agencies including the KYTC and the Divisions of Water and Waste Management and the Department of Energy Development and Independence of the Energy and Environment Cabinet and the Public Service Commission attached to this Cabinet shall have responsibility for the completion of services contracted on their behalf by the Finance and Administration Cabinet.

The agencies and organizations providing support under ESF - 3 shall develop Standard Operating Procedures and Guidelines for the restoration of facilities under their domain of responsibility.

DIRECTION AND CONTROL

The Kentucky Finance and Administration Cabinet is responsible for coordination of the procurement of all services necessary to fulfill the mission of ESF - 3 and for coordinating with all supporting agencies and entities for the delivery of those services.

Upon activation of ESF - 3, the Finance and Administration Cabinet will make available Emergency Coordinators and Alternates to the Commonwealth Emergency Operations Center (CEOC). These designees will represent the Cabinet in an emergency or disaster and provide operational support in the CEOC when requested;

The Kentucky Finance and Administration Cabinet shall coordinate efforts with the delegated Federal ESF - 3 Primary Agencies (the United States Army Corps of Engineers (USACE)) during the response phase of operations and with the FEMA during recovery operations.

The Kentucky Finance and Administration Cabinet shall coordinate with all agencies and entities for which they are procuring services for the prompt delivery of those services.

All agencies and entities contracting services through the Kentucky Finance and Administration Cabinet to fulfill their obligations under ESF - 3 shall provide documentation for the receipt, mobilization and completion of those services as required by the Kentucky Finance and Administration Cabinet, KyEM, and FEMA.

CONCEPT OF OPERATIONS

Preparedness

Develop policies, plans and procedures that expedite the procurement of emergency construction and engineering services;

Develop and maintain listings of commercial and industrial suppliers of services and products, to include points-of-contact and telephone numbers, associated with

FOR COMMENT AND REVIEW ONLY

public works and engineering functions;

Develop Standard Operating Procedures (SOPs) by public works sector for addressing impacts to their public works from emergencies and disasters;

Plan for engineering, contracting, and procurement assistance for emergency debris, snow or ice clearance, demolition, public works repair, and water supply, and sewer missions;

Participate in Commonwealth exercises and after action reports and review and revise SOPs as necessary.

Support requests and directives from KyEM, the Governor and/or FEMA concerning mitigation and/or re-development activities;

Document contracting and procurement matters that may be needed for inclusion in agency or state/federal briefings, situation reports and action plans for implementation of mitigation strategies.

Provide contracting and procurement support for the implementation of structural and non-structural mitigation measures, including deployment of protective measures, to minimize adverse effects and fully protect resources prior to an incident.

Response

Coordinate with agencies to evaluate status of current resources to support ESF-3 operations and address shortfalls determined from those evaluations;

Coordinate with agencies to identify contracting needs for water and sewer service restoration, alternate or interim sources of emergency power, potable water supply, solid waste disposal, and engineering services as soon as possible;

Procure assistance for evaluation and restoration of Commonwealth and/or local public works facilities and property including personnel; equipment; and technical expertise necessary to assess damage resulting from an emergency or disaster;

Coordinate with KyEM to ensure mutual aid and assistance networks facilitate the sharing of resources to support response;

Identify and provide a contracting officer for agency and Emergency Management Assistance Compact (EMAC) public works requests to facilitate their arrival and onward movement to appropriate staging or use areas and to provide documentation and record keeping of expenditures under these requests.

Conduct internal After Action Reviews and report results to KyEM

FOR COMMENT AND REVIEW ONLY

Recovery

Anticipate and plan for arrival of and coordination with FEMA and USACE ESF-3 personnel in the CEOC and the Joint Field Office (JFO);

Ensure that ESF-3 team members, their agencies, or other tasked organizations, maintain appropriate records of time and costs incurred during the event;

Participate in post-incident assessments of public works and infrastructure to help determine critical needs and potential workloads needing to be addressed through the procurement of additional services;

Maintain coordination between all supporting agencies and organizations on operational priorities for emergency repair and restoration;

Continue to monitor restoration operations when and where needed as long as necessary and until all services have been restored.

ASSIGNMENT OF RESPONSIBILITIES

General:

All ESF- 3 primary and support agencies must maintain inventories and procedures to deploy their agency's public works and engineering assets.

All ESF - 3 primary and support agencies shall develop internal SOPs and Standard Operating Guidelines for the restoration of facilities and services within their domain of responsibility

All ESF - 3 primary and support agencies shall identify agency resources available to sustain emergency operations, pre-scripting anticipated needs on specific EMAC messages, and listing agency resources available for interstate and intrastate mutual aid missions.

Primary Agency

Finance and Administration Cabinet

Coordinate efforts among all supporting agencies to prioritize needs, procure and deliver resources necessary to provide emergency power generation, and restore or re-establish public works and critical infrastructure including transportation, water, and sewer

Develop and maintain listings of commercial and industrial suppliers under contract with the Commonwealth and who can provide emergency power generation, construction,

FOR COMMENT AND REVIEW ONLY

engineering and other services relevant to the restoration or re-establishment of public works and critical infrastructure impacted by emergency or disaster;

Identify, train, and assign personnel to staff ESF-3 in the CEOC.

Notify all ESF-3 supporting agencies upon activation.

Supporting Agencies

Kentucky Division of Emergency Management

Activate the CEOC and ESF - 3

Coordinate with ESF - 3 to develop and maintain situational awareness of the status of sewer, water, energy and transportation infrastructure during response and recovery efforts

In conjunction with the Finance and Administration Cabinet, coordinate for the receipt of federal ESF - 3 assets when state resources are exceeded

Coordinate with and provide assistance to ESF - 3, FEMA and USACE for the resources provided under the EMAC or through other contracting including documentation of their receipt, onward deployment, demobilization and costs incurred.

Coordinate with FEMA and USACE for the establishment of ESF - 3 at the JFO;

Assist the FEMA in determining facilities eligible for supplemental grant assistance under the Public Assistance Program for debris removal, emergency protective measures, and the repair, replacement or restoration of disaster damaged public facilities and facilities of certain qualified private non-profit organizations;

Provide technical expertise and guidance in applying mitigation grant funding toward the replacement or re-construction of damaged public works infrastructure.

Kentucky Transportation Cabinet

Provide technical expertise and assistance for repair and the restoration of transportation infrastructure including roads, bridges, and tunnels;

Provide engineering personnel and support to assist in damage assessment, structural inspections, debris clearing, and restoration of Kentucky's transportation infrastructure;

Administer special funding or grants that may be received for repair or reconstruction of transportation system infrastructure damaged during disasters.

FOR COMMENT AND REVIEW ONLY

Energy and Environment Cabinet

Provide emergency survey, surveillance, detection capabilities, sampling, testing, and monitoring of water and sewage pumping, treatment, distribution, collection and discharge systems to ensure public health and the safety integrity of such systems;

Provide technical support to assess wastewater and solid waste facilities;

Identify water and sewer service restoration, debris management, potable water supply and engineering requirements as soon as possible;

Assist in prioritizing the assignment of resources received for the repair or replacement of water and wastewater collection, treatment and distribution infrastructure damaged during disaster;

In conjunction with the Department for Public Health, identify and locate additional or alternative sources of potable water to augment or maintain water supplies;

Provide technical expertise and assistance in assessing damage to dams and retention structures damaged during a disaster;

Provide technical assistance concerning the disposal of materials including solid and hazardous waste and vegetative and construction debris;

Assist in locating disposal sites for debris clearance;

Provide information on energy system damage and estimations on the impact of energy system outages within affected areas.

Department for Public Health

Identify and locate additional or alternative sources of potable water to augment or maintain water supplies;

Supply environmental health personnel to help assess the status of local potable water, wastewater and solid waste facilities;

Provide guidance related to health problems associated with contaminated water and hazardous materials;

Provide expertise, technical assistance, and other appropriate support for the management of contaminated debris.

Kentucky Water/Wastewater Agency Response Network (KyWARN)

Maintain a database of member's emergency equipment and trained personnel who may be accessed during disaster or emergency;

FOR COMMENT AND REVIEW ONLY

Identify and assign personnel to maintain contact with ESF - 3 during periods of activation;

Provide assets to support public works and engineering missions.

Kentucky Department of Housing, Buildings and Construction

Provide inspectors to conduct assessments to determine whether public infrastructure damaged in disaster meets building and fire codes in providing for human health and safety;

Provide technical expertise in the determination of the safety of structures to support habitation;

In coordination with ESF - 10 provide technical expertise in the determination of disposal methods for contaminated debris and hazardous waste.

United States Army Corps of Engineers

As the primary federal agency for response for ESF - 3, provide technical assistance, engineering, and construction management resources and support during response activities;

Identify, train, and assign personnel to staff ESF - 3 during periods of activation;

Execute Mission Assignments (MA) issued by FEMA. Such MAs may include supplying potable water, temporary roofing, emergency power, temporary housing, debris removal, engineering services and other assistance as requested by the Commonwealth of Kentucky and authorized by FEMA.

Natural Resources Conservation Service

Provide technical personnel to evaluate damage to water control facilities, stream bank restoration, and vegetative control

Under the Emergency Watershed Protection (EWP), assist sponsors with emergency measures to relieve imminent hazards to life and property created by a natural disaster through such activities as providing financial and technical assistance to: remove debris from streams, protect destabilized stream banks, establish cover on critically eroding lands, repairing conservation practices, and the purchase of flood plain easements.

Federal Emergency Management Agency

As the primary ESF - 3 agency for recovery assign an ESF - 3 Public Assistance Officer to coordinate and manage interagency infrastructure recovery programs and the FEMA Public Assistance Program

ADMINISTRATIVE SUPPORT

This ESF will be reviewed annually by the KyEM Planning Branch and the ESF - 3 CEOC Coordinator.

Primary SUPPORT agencies for coordination of ESFs will develop and review their respective ESFs and Standard Operating Procedures and provide updated copies to the KyEM Planning Branch no later than December 1st of each year.

REFERENCES

KRS 39A-F

The National Response Framework

The National Incident Management System

Kentucky Division of Emergency Management, Commonwealth Emergency Operations Center, Standard Operating Procedures

USACE ESF - 3 Field Guide, June 2009

Commonwealth EOP Basic Plan

DRAFT - 31 DEC 2011