

Project Factsheet for: Innovative Flood Fight Technology Products - Overview

Date Last Updated: 01/30/2009 09:10

Project Location Information

Location: Entire District

River Basin(s): Des Moines, Illinois, Iowa / Cedar, Mississippi, Rock

State(s): IA , IL , MN , MO , WI

Congressional District(s): IA-1 , IA-2 , IA-3 , IA-4 , IA-5 , IL-11 , IL-13 , IL-14 , IL-15 , IL-16 , IL-17 , IL-18 , IL-19 , IL-2 , IL-3 , MN-1 , MN-7 , MO-6 , MO-9 , WI-1 , WI-2 , WI-3 , WI-5 , WI-6

Status

Description

Rock Island District Emergency Management is designated as the Multi-Regional U.S. Army Corps of Engineers (USACE) distributor of innovative flood fight technology products (Rapid Deployment Flood Wall, Hesco Bastion containers, and PORTADAM). The Rapid Deployment Flood Wall (RDFW) is a granular filled, plastic grid unit that uses horizontal and vertical tabs to form a continuous structure. Hesco Bastion containers are granular filled, permeable membrane lined wire baskets that pin together to form a continuous structure. PORTADAM consists of an impermeable membrane liner that is supported by a steel frame that pins together to form a continuous structure.

The Rock Island District responsibilities include the procurement of storage facilities, inventory control of products, procurement of additional products to maintain the required stockpile of 5,000 lineal feet at 4 distribution centers (Sacramento, Omaha, Rock Island, and Philadelphia) and regional deployment of the products within the Mississippi and Ohio River basins to support state and local flood fight operations.

We also serve as the training coordinator of the Innovative Flood Fight Technology Products. Responsibilities include training of multi-regional personnel including USACE Division and District personnel, state and local officials, and federal/non-federal sponsors. Training on how to use each product will include proper product storage, operational considerations, product setup, maintenance during operation, protection improvement, product removal, cleaning, repair, and repackaging for storage.

USACE Engineering Research and Development Center (ERDC) developed a comprehensive laboratory and field-testing program of these products and the results are available online at <http://chl.erd.c.usace.army.mil/ffs>

Summarized Financial Data

| | |
|--|----|
| Federal Cost | \$ |
| Non-Federal Cost | \$ |
| Total Cost | \$ |
| | |
| Federal Allocations through FY 2004 | \$ |
| Scheduled Federal Allocation for FY 2005 | \$ |
| Balance to Complete | \$ |

Major Work Item (This Fiscal Year)

Update the District All Hazards Response Plan and the Flood Fight manual to include the innovative flood fight products. Conduct training of multi-regional personnel including USACE Division and District personnel, state and local officials, and federal/non-federal sponsors.

Authority

SI - Special Interest --

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