



**Department of Energy**  
Carlsbad Field Office  
P. O. Box 3090  
Carlsbad, New Mexico 88221

MAY 11 2016



**ENTERED**



Mr. John E. Kieling, Bureau Chief  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, NM 87508-6303

**Subject:** Certificate of Completion for Settlement Agreement and Stipulated Final Order No. HWB-14-21 (Agreement) Supplement Environmental Projects Paragraph 35

**Reference:** The Settlement Agreement and Stipulated Final Order No. HWB-14-21 (CO) January 22, 2016

Dear Mr. Kieling:

The purpose of this letter is to provide the Certificate of Completion with pertinent attachments and data related to the final implementation for the referenced Settlement Agreement and Stipulated Final Order (Agreement) Supplemental Environmental Project Paragraph 35.

Paragraph 35 of the Agreement states the following:

*Within ninety (90) calendar days of the effective date of this Settlement Agreement, the Respondents shall obligate \$1 million to fund enhanced training and capabilities for local emergency responders, including funding for training and exercises with local mine rescue teams, in and around Carlsbad, NM that exist at the time this Settlement Agreement is signed. The Respondents shall complete a Certificate of Completion by the end of federal fiscal year 2016.*

The funding pursuant to Paragraph 35 of the Agreement has been obligated.

The enclosed Certificate of Completion with pertinent attachments and data is being provided pursuant to Paragraphs 32 and 35 of the Agreement. The following are enclosed:

- Enclosure 1 – Certificate of Completion
- Enclosure 2 – Pertinent Attachments and Data
  - DOE Letter CBFO:OBO:SWHS:RMS:16-2277:UFC:4250.00
  - Amendment of Solicitation/Modification of Contract
  - Assistance Agreement
  - Regional Response Capabilities Strategic Plan



Mr. John E. Kieling

-2-

MAY 11 2016

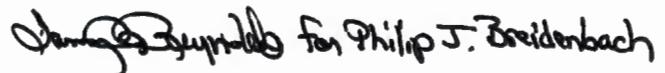
We certify under penalty of law that this document and all attachments were prepared under our direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on our inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of our knowledge and belief, true, accurate, and complete. We are aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Please contact Mr. George T. Basabilvazo at (575) 234-7488 if you have any questions.

Sincerely,



Todd Shrader, Manager  
Carlsbad Field Office



Philip J. Breidenbach, Project Manager  
Nuclear Waste Partnership LLC

Enclosures (2)

cc: w/enclosures

K. Roberts, NMED           \*ED

R. Maestas, NMED         ED

C. Smith, NMED           ED

CBFO M&RC

\*ED denotes electronic distribution

**ENCLOSURE 1:  
CERTIFICATE OF  
COMPLETION  
(1 PAGE)**

## CERTIFICATE OF COMPLETION

IN SATISFACTION OF SETTLEMENT AGREEMENT AND STIPULATED FINAL ORDER  
JANUARY 22, 2016  
HWB-14-21 (CO)

The Respondents certify that Supplemental Environmental Project (SEP) Paragraph 35 has been completed in accordance with the terms of the Settlement Agreement and Stipulated Final Order (AGREEMENT), January 22, 2016 [HWB-14-21 (CO)] between the Respondents and the New Mexico Environment Department (NMED). This SEP was completed on April 11, 2016.

Therefore, the Respondents issue this Certificate of Completion to the NMED in satisfaction of the AGREEMENT at paragraphs 32 and 35.

The Respondents do hereby certify that the SEP Paragraph 35 is complete and has been accepted by the Respondents by the signatures below.



Todd A. Shrader, Manager  
Carlsbad Field Office



Philip J. Breidenbach, Project Manager  
Nuclear Waste Partnership LLC

**ENCLOSURE 2:  
PERTINENT ATTACHMENTS  
AND DATA  
(20 PAGES)**



**Department of Energy**  
Carlsbad Field Office  
P. O. Box 3090  
Carlsbad, New Mexico 88221

APR 19 2016

Mr. John E. Kieling, Bureau Chief  
New Mexico Environment Department  
Hazardous Waste Bureau  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, NM 87505-6313

**Subject:** Settlement Agreement and Stipulated Final Order Number HWB-14-21 (CO), State of New Mexico Environment Department v. United States Department of Energy and Nuclear Waste Partnership LLC, dated January 21, 2016

Dear Mr. Kieling:

Per Section J, *Notice to Parties*, of the Settlement Agreement, I am providing documentation of the \$1,000,000.00 obligation to fund enhanced training and capabilities for local emergency responders and local mine rescue teams required in Section 35. This obligation was required by April 20, 2016, within ninety (90) calendar days of the effective date of the Settlement Agreement.

Enclosed you will find Energy, Minerals, and Natural Resources Department – Cooperative Agreement Number DE-FC29-88AL53813 Modification 0099, dated April 4, 2016. This modification obligates funding in the amount of \$800,000.00 for enhanced training and capabilities for local emergency responders. Also enclosed is Nuclear Waste Partnership LLC – Contract DE-EM0001971 Modification 137, dated April 11, 2016. This modification obligates funding in the amount of \$200,000.00 for training and exercises with local mine rescue teams, in and around Carlsbad, New Mexico. Both modifications have been executed in accordance with the requirements in the Settlement Agreement and Stipulated Final Order Number HWB-14-21 (CO) Section 35.

If you have questions on these obligations, please contact me at (575) 234-7525.

Sincerely,

Original Signature on File

Suzanne W. Hunt  
Contracting Officer

Enclosures (2)

cc: w/enclosures

T. Shrader, CBFO \*ED  
S. Dunagan, CBFO ED  
W. Mackie, CBFO ED  
D. Snow, CBFO ED  
T. Miles, EMCBC ED

L. Parsons, EMCBC ED  
R. Tormey, EMCBC ED  
CBFO Contract File  
CBFO M&RC  
\*ED denotes electronic distribution



**Background for funding action:**

The State of New Mexico Environment Department, the U.S. Department of Energy (DOE), and Nuclear Waste Partnership LLC, signed Settlement Agreement and Stipulated Final Order No. HWB-14-21 (CO) on January 21, 2016 to resolve the State of New Mexico Environment Department's allegations against DOE and its contractor related to the February 2014 incidents at the Waste Isolation Pilot Plant (WIPP) in Carlsbad, NM.

Paragraph 35 of the Settlement Agreement requires "Within ninety (90) calendar days of the effective date of this Settlement Agreement, the Respondents shall obligate \$1 million to fund enhanced training and capabilities for local emergency responders, including funding for training and exercises with local mine rescue teams, in and around Carlsbad, NM, that exist at the time this Settlement Agreement is signed."

Out of the \$1M, funding of \$800,000 for training activities, supplies, and equipment has already been provided through Financial Assistance Agreement DE-FC29-AL53813 with the New Mexico Energy, Minerals, and Natural Resources Department for pass through to the local agencies in and around Carlsbad, NM.

In Modification 137, the remaining \$200,000 of the \$1M is obligated to Contract DE-EM0001971 with Nuclear Waste Partnership LLC for training and exercises with existing local mine rescue teams, in and around Carlsbad, NM.

The effective date of the obligation of funding in Modification 137 is the date the modification is signed by the Department of Energy and is within the 90-day requirement for obligation of funding.

Although the funding and budget for these activities was approved in Programmatic Change Request (PCR) CBFO 1-016 (NWP 16-040), the PCR did not provide the finalized schedule or the detailed costs for each activity for the Carlsbad Field Office to determine cost reasonableness. Until the final plan is submitted to the Carlsbad Field Office for approval and a cost reasonableness determination, the contractor shall not spend any of the funding obligated in this modification. The preliminary list of proposed activities and equipment approved per the Regional Response Capabilities Strategic Plan for 2016 is provided below prior to finalization.

Activity/Equipment	Core Capability	2016 Cost
Dräger RZ 7000 Testers x 6 Approx. \$8k each	Mass Search and Rescue Operations	\$50k
MRT Training – MX6 Gas Detector Course <i>Note: Cost is estimated for vendor travel and training (2 x 3-day course) for a minimum of six Mine Rescue Teams (6- 10 person teams) to participate.</i> MX6 Gas Detector Course # 1 (\$20k) MX6 Gas Detector Course # 2 (\$20k)	Mass Search and Rescue Operations	\$40k
MRT Training (e.g. Colorado School of Mines) <i>Note: Cost is estimated for travel and training for a minimum of four Mine Rescue Teams (6-10 person teams) to participate.</i> Training Academy Course # 1 (\$25k) Training Academy Course # 2 (\$25k)	Mass Search and Rescue Operations	\$50k
MRT Exercises/Competitions (Local, Regional) <i>Note: Cost is estimated for travel and training (1-week) for a minimum of four Mine Rescue Teams (6-10 person teams) to participate.</i> Exercise/Competition # 1 (\$15k) Exercise/Competition # 2 (\$15k) Exercise/Competition # 3 (\$15k) Exercise/Competition # 4 (\$15k)	Mass Search and Rescue Operations	\$60k
<b>Total</b>		<b>\$200k</b>

The final plan submitted to the Carlsbad Field Office will include detailed schedules for the specific training classes and exercises planned, the number of participants from local mines and WIPP employees projected for each activity, and detailed cost estimates for classes, registration fees, travel and per diem, supplies, and any other miscellaneous costs associated with these activities.

Per the Settlement Agreement, the completion date for the activities funded in this modification is September 30, 2016. In the interim, the contractor shall provide the Carlsbad Field Office quarterly progress and financial reports providing the status for completing these activities. Reports will be transmitted to the following staff with the first report due July 10, 2016.

Carlsbad Field Office Contracting Officer  
Carlsbad Field Office Emergency Management Specialist

Page 4 of this modification provides the revised Section B.2.2.(b) of the contract incorporating the increase to funding and budget for Fiscal Year 2016.

All other terms and conditions remain unchanged.

**ASSISTANCE AGREEMENT**

1. Award No. DE-FC29-88AL53813		2. Modification No. 0099	3. Effective Date 04/01/2016	4. CFDA No. 81.106	
5. Awarded To ENERGY, MINERALS & NATURAL RESOURCES DEPARTM Attn: Eletha Trujillo 1220 S. ST. FRANCIS DR. SANTA FE NM 875054000		6. Sponsoring Office Office of Environmental Mgt		7. Period of Performance 07/26/1988 through 06/30/2016	
8. Type of Agreement <input type="checkbox"/> Grant <input checked="" type="checkbox"/> Cooperative Agreement <input type="checkbox"/> Other	9. Authority 31 USC 6304 PL 95-91; PL 96-164		10. Purchase Request or Funding Document No. 16EM001470		
11. Remittance Address ENERGY, MINERALS & NATURAL RESOURCES DEPARTM Attn: Eletha Trujillo 1220 S. ST. FRANCIS DR. SANTA FE NM 875054000		12. Total Amount Govt. Share: \$24,900,706.00  Cost Share : \$0.00  Total : \$24,900,706.00	13. Funds Obligated This action: \$800,000.00  Total : \$24,150,948.00		
14. Principal Investigator Eletha Trujillo (505)476-3324	15. Program Manager		16. Administrator EMCBC - Carlsbad U.S. Department of Energy Carlsbad Project Office P.O. Box 3090 Carlsbad NM 88221		
17. Submit Payment Requests To OR for EMCBC U.S. Department of Energy Oak Ridge Financial Service Center P.O. Box 5777 Oak Ridge TN 37831		18. Paying Office OR for EMCBC U.S. Department of Energy Oak Ridge Financial Service Center P.O. Box 5777 Oak Ridge TN 37831		19. Submit Reports To James.Mason@cbfo.doe.gov Suzanne.Hunt@cbfo.doe.gov Diane.Snow@cbfo.doe.gov	
20. Accounting and Appropriation Data See Schedule					
21. Research Title and/or Description of Project					
For the Recipient			For the United States of America		
22. Signature of Person Authorized to Sign 			25. Signature of Grants Agreements Officer 		
23. Name and Title Eletha J Trujillo WIPP Program Coordinator	24. Date Signed 4/4/16	26. Name of Officer Vicki D. Snow		27. Date Signed 4-4-16	

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
DE-FC29-88AL53813/0099

PAGE OF  
2 | 2

NAME OF OFFEROR OR CONTRACTOR  
ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT, NEW MEXICO

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>DUNS Number: 808561849                      ASAP: Y Extent Competed: NOT COMPETED Davis-Bacon Act: NO                      The purposes of this amendment are to:                      1. Obligate funding in the amount of \$800,000 for enhanced training and capabilities for local emergency responders in accordance with the requirements in the Settlement Agreement and Stipulated Final Order No. HWB-14-21 (CO) signed January 21, 2016 by the New Mexico Environment Department, the Department of Energy, and DOE's Prime Contractor, Nuclear Waste Partnership LLC (NWP).</p> <p>2. Increase the budget for the current budget period of July 1, 2015 - June 30, 2016 from \$1,328,048, by \$800,000, to \$2,128,048 for these activities.</p> <p>3. Increase total funding under the agreement from \$23,540,948, by \$800,000, to \$24,150,948.</p> <p>Accounting and Appropriation Data:                      01250 2016 33 490801 41020 1110957 0000443                      0000000 0000000 \$800,000.00</p> <p>4. Revise the FY16 objectives of the agreement by adding the projects and activities for enhanced training and capabilities for emergency responders in and around Carlsbad, NM estimated at \$800,000. See following pages.</p>				

**Background:**

The State of New Mexico Environment Department, the U.S. Department of Energy (DOE) and its contractor, Nuclear Waste Partnership LLC, signed a Settlement Agreement and Stipulated Final Order No. HWB-14-21 (CO) on January 21, 2016 to resolve the State of New Mexico Environment Department's allegations against DOE and its contractor related to the February 2014 incidents at the Waste Isolation Pilot Plant (WIPP) in Carlsbad, NM.

Paragraph 35 of the Settlement Agreement requires "Within ninety (90) calendar days of the effective date of this Settlement Agreement, the Respondents shall obligate \$1 million to fund enhanced training and capabilities for local emergency responders, including funding for training and exercises with local mine rescue teams, in and around Carlsbad, NM, that exist at the time this Settlement Agreement is signed."

Out of the \$1M, training activities, supplies, and equipment estimated at \$800,000 will be funded through Financial Assistance Agreement DE-FC29-AL53813 with the New Mexico Energy, Minerals, and Natural Resources Department for pass through to the local agencies in and around Carlsbad, NM. The projects to be completed with the funding also fall within the authority of the Land Withdrawal Act, P.L. 102-579, as amended by P.L. 104-201, which is the legal basis for the award of the financial assistance agreement. Section 16 of the LWA titled Transportation requires the DOE provide funding for accident prevention and emergency preparedness in any State or Indian Tribe through whose jurisdiction the Secretary plans to transport transuranic waste to or from WIPP.

The remaining \$200K of the \$1M will be obligated to Contract DE-EM0001971 with Nuclear Waste Partnership LLC prior to April 21, 2016 for training and exercises with existing local mine rescue teams, in and around Carlsbad, NM.

The effective date of the obligation of \$800,000 in Amendment 99 is the date the amendment is signed by the Department of Energy and is within the 90-day requirement.

A list of the approved projects, activities, and equipment is attached to this amendment. The list is from the Regional Response Capabilities Strategic Plan for 2016. The final copy of the Strategic Plan will be provided to the State.

NMEMNRD shall provide quarterly progress and financial reports providing the status of the activities funded in Amendment 99. Per the Settlement Agreement, the completion date for the activities is September 30, 2016. Reports should be provided to the following:

Mike McCoy at [Mike.McCoy@cbfo.doe.gov](mailto:Mike.McCoy@cbfo.doe.gov)

James Mason at [James.Mason@cbfo.doe.gov](mailto:James.Mason@cbfo.doe.gov)

Suzanne Hunt at [Suzanne.Hunt@cbfo.doe.gov](mailto:Suzanne.Hunt@cbfo.doe.gov)

Allowability of costs for the approved activities and equipment will be determined in accordance with 2 CFR 225 Cost Principles for State, Local, and Tribal Governments.

**Regional Response Capabilities Strategic Plan for 2016 - Approved Activities/Equipment**

<b>Activity/Equipment</b>	<b>Core Capability</b>	<b>2016 Cost</b>	<b>Totals</b>
<b>REGIONAL HAZARDOUS MATERIALS TEAM</b>			
Hazardous Materials Equipment/Supplies (Must Include Radiological Equipment)	Environmental Response/Health and Safety	\$400,000	
Hazardous Materials Technician Training	Environmental Response/Health and Safety	\$50,000	
Hospital Radiological Preparedness Training (e.g., Radiation Emergency Assistance Center/Training Site - Radiation Emergency Medicine)	Environmental Response/Health and Safety	\$50,000	
			<b>\$500,000</b>
<b>BIOLOGICAL PROTECTIVE MEASURES</b>			
Biomist Sanitizing System Equipment and Supplies	Environmental Response/Health and Safety	\$52,000	
			<b>\$52,000</b>
<b>INTEROPERABLE COMMUNICATIONS SUPPORT FOR FIRST RESPONDERS</b>			
Kenwood TK-5430 Portable 7/800 MHz, 1024 Channel X 22 (Lea County Emergency Management)	Operational Communications	\$35,000	
Kenwood TK-5430 Portable 7/800 MHz, 1024 Channel X 100 (City of Hobbs Fire Department)	Operational Communications	\$150,000	
			<b>\$185,000</b>
<b>LAW ENFORCEMENT RESPONSE AND SAFETY</b>			
Officer Down Medical Kits (Lea County Sheriff's Department)	On-Scene Security and Protection	\$13,000	
Officer Down Medical Kits (City of Hobbs Police Department)	On-Scene Security and Protection	\$20,000	
			<b>\$33,000</b>
<b>CONTINGENCY</b>			
Projects are based on estimated costs; contingency is provided in the event that actual costs are greater than estimated.		\$30,000	
			<b>\$30,000</b>
<b>TOTAL COSTS FOR PROJECTS</b>		<b>\$800,000</b>	<b>\$800,000</b>

# WASTE ISOLATION PILOT PLANT



U.S. DEPARTMENT OF  
**ENERGY**

## Regional Response Capabilities STRATEGIC PLAN

2016



*An AECOM-led partnership with B&W and AREVA*

*This work was done by Nuclear Waste Partnership, LLC, under Contract No. DE-EM0001971 with the U.S. Department of Energy.*

# REGIONAL RESPONSE CAPABILITIES - STRATEGIC PLAN

## Executive Summary

The State of New Mexico Environment Department, the U.S. Department of Energy (DOE) and its contractors signed a settlement agreement to resolve the State of New Mexico Environment Department's allegations against DOE and its contractor related to the February 2014 incidents at the Waste Isolation Pilot Plant (WIPP) in Carlsbad, NM.

The settlement agreement included a commitment to enhance emergency response training and capabilities in the Carlsbad region. According to the agreements, there would be \$1 million to fund enhanced training and capabilities for local emergency responders, in and around Carlsbad, NM, including funding for training and exercises with local mine rescue teams.

The funding must be used exclusively to enhance response capabilities, which may include purchasing emergency response equipment, participating in and/or developing and conducting training and exercises, and supporting development of emergency plans or annexes.

Nuclear Waste Partnership, LLC (NWP), on behalf of the DOE Carlsbad Field Office (CBFO) collaborated with regional emergency response agencies and organizations to identify core capabilities needed to enhance local and regional response capabilities for all hazards.

A committee was established comprised of representatives from CBFO, NWP, and State of New Mexico Department of Homeland Security and Emergency Management to recommend, review, and approve project proposals and funding requests received from local agencies and organizations.

The Mine Rescue Team (MRT) funding allocation will be administered and managed by NWP on behalf of DOE/CBFO. In order to be eligible for funding, organizations will comply with applicable established rules and regulations for purchase of equipment and training.

The government agency funding allocations will be administered and managed in accordance with the Cooperative Agreement DE-FC29-88AL53813 between the DOE/CBFO and the New Mexico Energy, Minerals, and Natural Resources Department (EMNRD), and agency participants will comply with established rules and regulations in the agreement.

The funding provided by DOE/CBFO will enhance the capabilities of local emergency responders, and strengthen the ability of first-responders to protect the communities they serve based upon the following core capabilities:

- Environmental Response/Health and Safety
- Mass Search and Rescue Operations
- Operational Communications
- On-Scene Security and Protection

# REGIONAL RESPONSE CAPABILITIES - STRATEGIC PLAN

## Core Capabilities

The Federal Emergency Management Agency (FEMA) has established the National Preparedness Goal to define what it means for the whole community to be prepared for all types of disasters and emergencies. The goal itself is, "A secure and resilient nation with the capabilities required across the whole community to prevent, protect against, mitigate, respond to, and recover from the threats and hazards that pose the greatest risk."

These risks include natural hazards/disasters such as hurricanes, disease pandemics such as influenza, chemical spills and manmade hazards such as dam failures, and threats such as acts of terrorism and cyber-attacks. The National Preparedness Goal is capabilities-based and is organized into the five mission areas: Prevention, Protection, Mitigation, Response, and Recovery (FEMA, 2015).

This plan and the use of the associated allocated funding are focused on developing and sustaining core capabilities to address hazards including hazardous materials, acts of terrorism, and natural disasters in support of the affected communities. Below are the four core capabilities that will be addressed as part of the selected projects to be funded by DOE/CBFO.

## Environmental Response/Health and Safety

Regional partners will conduct appropriate measures to ensure the protection of the health and safety of the public and workers, as well as the environment, from all-hazards in support of responder operations and the affected communities.

- Regional Hazardous Materials Response and Coordination
  - Regional Hazardous Materials Team Equipment and Training
  - Hospital Radiological Preparedness Training
- Biological Protective Measures
  - Biomist Sanitizing Equipment and Supplies

## Mass Search and Rescue Operations

Regional partners will deliver traditional and atypical search and rescue capabilities, including personnel, services, animals, and assets to survivors in need, with the goal of saving the greatest number of endangered lives in the shortest time possible.

- MRT Response Operations
  - MRT Equipment and Training

# REGIONAL RESPONSE CAPABILITIES - STRATEGIC PLAN

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## **On-Scene Security and Protection**

Regional partners will ensure a safe and secure environment through law enforcement and related security and protection operations for people and communities located within affected areas and also for all traditional and atypical response personnel engaged in lifesaving and life-sustaining operations.

- Law Enforcement Response and Safety
  - Officer Down Medical Kits

## **Operational Communications**

Regional partners will ensure the capacity for timely communications in support of security, situational awareness, and operations by any and all means available, among and between affected communities in the impact area and all response forces.

- Interoperable Communications Support for First Responders
  - Radio Communications Equipment

# REGIONAL RESPONSE CAPABILITIES - STRATEGIC PLAN

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## Regional Agencies and Organizations and Proposals

The committee collaborated with regional emergency response agencies and organizations to identify core capabilities needing enhancement to improve local and regional response capabilities for all-hazards. The below agencies and organizations were engaged in the process and submitted a variety of projects for consideration.

- Eddy County Fire Services
- Eddy County Sheriff's Department
- City of Carlsbad Fire Department
- City of Artesia Fire Department
- Lea County Emergency Management
- Lea County Sheriff's Department
- Hobbs Fire Department
- Hobbs Police Department
- Southwest Basin Mine Rescue (Mosaic, Intrepid, and WIPP Mine Rescue Teams)

# REGIONAL RESPONSE CAPABILITIES - STRATEGIC PLAN

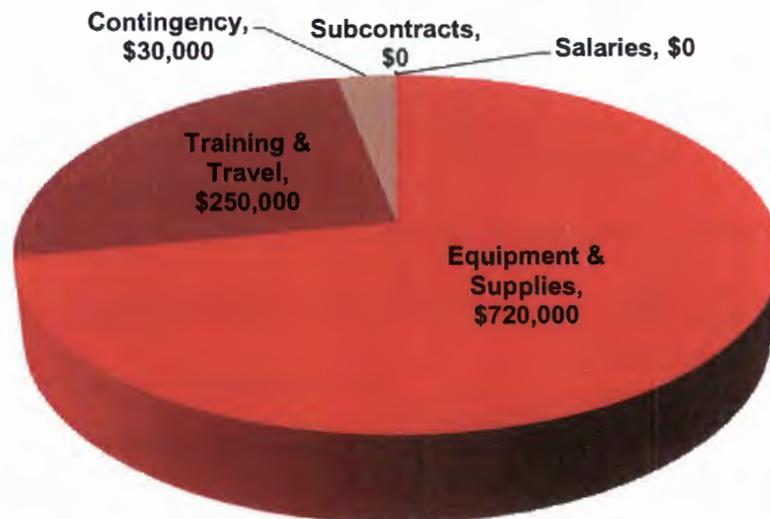
## Funding Request and Allocation

The funding requests were reviewed and approved by the committee, and the selected projects were fully or partially funded. A small amount of contingency funds were applied to provide a level of flexibility in circumstances where agencies underestimated their costs. The use of the contingency funds will be approved by EMNRD and DOE/CBFO. EMNRD will administer a total of \$800k and NWP LLC will administer \$200k on behalf of DOE/CBFO.

The below funding allocation shown below in Table 1 and Figure 1 provides a summary of the overall expenditure categories that will be funded as part of this plan. +200

**Table 1 – Funding Allocation and Cost in Thousands of Dollars**

Expenditure Category	Expenditure Description	2016 Cost
Salaries	None	N/A
Equipment and Supplies	Hazardous Material Equipment and Supplies, Biomist, Officer Down Medical Kits, MRT Equipment, and Radio Communications Equipment	\$720k
Training and Travel	Hazardous Material Team Training, Hospital Radiological Preparedness Training, and MRT Training and Exercises	\$250k
Subcontracts	None	N/A
Contingency	Contingency funds for underestimated projects or additional needs, as approved by the EMNRD and DOE/CBFO	\$30K
<b>Total</b>		<b>\$1 Million</b>



**Figure 1 – Funding Allocation Pie Chart**

# REGIONAL RESPONSE CAPABILITIES - STRATEGIC PLAN

## Projects Plan

### Core Capability: Environmental Response/Health and Safety

#### Project 1 – Regional Hazardous Materials Team

Currently there is a limited operational hazardous materials team capability to service Eddy County, the City of Carlsbad, and the City of Artesia. This funding allocation will support enhancing and sustaining the regional hazardous material response capability to include radiological preparedness training for hospital staff at Carlsbad Medical Center, Artesia General Hospital, and Lea Regional Medical Center. Funding allocation shall include \$50,000 for hospital radiological preparedness (Carlsbad Medical Center, Artesia General Hospital, and Lea Regional Medical Center), \$50,000 for hazardous material training, and \$400,000 for hazardous material response equipment. Equipment must also include radiological monitoring equipment. As part of receiving these funds, the regional hazard materials response capabilities shall be managed in accordance with Memorandum of Understanding Covering the Establishment, Operations, and Management of a Regional Haz-Mat Team (A-10-132). This document shall be updated as part of this funding allocation and shall include signatures of all participating agencies. The funding allocation will be awarded directly to Eddy County Fire Services to apply the funding in accordance with this plan. Equipment and supplies that are purchased, the selected storage location(s), and training must be coordinated and agreed upon by Eddy County Fire Services, the City of Carlsbad Fire Department, and the City of Artesia Fire Department to ensure equal benefit among agencies.

Project reporting will be submitted to EMNRD and DOE/CBFO in accordance with Cooperative Agreement DE-FC29-88AL53813. Prior to purchasing any hazardous material equipment, the awarded agency(s) must provide a complete list and estimate of equipment/supplies and submit to EMNRD and DOE/CBFO for approval.

**NOTE:** Project 1 was partially funded and modified from the original funding request. Some items from the original project have been removed, reduced, and/or refined, which reflects the approved funding allocation below.

**Table 2 – Project Activities and Cost in Thousands of Dollars**

Activity/Equipment	Core Capability	2016 Cost
Hazardous Materials Equipment/Supplies (Must Include Radiological Equipment)	Environmental Response/Health and Safety	\$400k
Hazardous Materials Technician Training	Environmental Response/Health and Safety	\$50k
Hospital Radiological Preparedness Training (e.g., Radiation Emergency Assistance Center/Training Site - Radiation Emergency Medicine)	Environmental Response/Health and Safety	\$50k
<b>Total</b>		<b>\$500k</b>

# REGIONAL RESPONSE CAPABILITIES - STRATEGIC PLAN

## Core Capability: Environmental Response/Health and Safety

### Project 2 – Biological Protective Measures

The Lea County Sheriff's Department and City of Hobbs Fire Department will purchase three Biomist sanitizing systems to enhance regional protective measures from contaminants, infectious diseases, and other bodily fluids encountered on emergency scenes by fire, law enforcement, detention, and emergency medical services personnel. The capability enhancement will have a direct benefit to all agencies in Lea County.

This project was fully funded as requested. The funding allocation will be awarded directly to Lea County Sheriff's Department to apply the funding in accordance with this plan. Equipment and supplies that are purchased and the selected storage location(s) must be coordinated and agreed upon by the Lea County Sheriff's Department, Lea County Emergency Management, and City of Hobbs Fire Department to ensure equal benefit among agencies.

Project reporting will be submitted to EMNRD and DOE/CBFO in accordance with Cooperative Agreement DE-FC29-88AL53813.

Table 3 – Project Activities and Cost in Thousands of Dollars

Activity/Equipment	Core Capability	2016 Cost
Biomist Sanitizing System Equipment and Supplies	Environmental Response/Health and Safety	\$52k
<b>Total</b>		<b>\$52k</b>

# REGIONAL RESPONSE CAPABILITIES - STRATEGIC PLAN

## Core Capability: Mass Search and Rescue Operations

### Project 3 – Mine Rescue Team Response Operations

Regional MRTs (i.e., Mosaic, Intrepid, and WIPP) will purchase six Dräger RZ 7000 Testers (2 each) and will participate in MRT training, exercises, and/or competitions to enhance regional response capabilities for underground mine incidents. The training will be selected and coordinated through identified representatives at Mosaic, Intrepid, and WIPP. Local and regional contests are defined as any contest located in FEMA Region VI. No national competitions are authorized and will not be funded or reimbursed. Training is expected to be held locally when feasible to increase participation and reduce travel costs.

The funding allocation will be awarded directly to NWP to administer and manage on behalf of Mosaic, Intrepid, and WIPP MRT representatives in accordance with this plan. Project reporting will be submitted to DOE/CBFO at a minimum of quarterly and at the end of each fiscal year.

**NOTE:** Project 3 was partially funded and modified from the original funding request. Some items from the original project have been removed, reduced, and/or refined, which reflects the approved funding allocation below.

**Table 4 – Project Activities and Cost in Thousands of Dollars**

Activity/Equipment	Core Capability	2016 Cost
Dräger RZ 7000 Testers x 6	Mass Search and Rescue Operations	\$50k
MRT Training – MX6 Gas Detector Course	Mass Search and Rescue Operations	\$40k
MRT Training (e.g. Colorado School of Mines)	Mass Search and Rescue Operations	\$50k
MRT Exercises/Competitions (Local, Regional)	Mass Search and Rescue Operations	\$60k
<b>Total</b>		<b>\$200k</b>



**Figure 2 – FEMA Region Map (Reference Region VI)**

# REGIONAL RESPONSE CAPABILITIES - STRATEGIC PLAN

## Core Capability: Operational Communications

### Project 4 – Interoperable Communications Support for First Responders

Lea County Emergency Management in collaboration with the City of Hobbs Fire Department will purchase 122 800MHz portable radios to enhance and support regional interoperable communications in Lea County among first-responder agencies. This project will enhance communications between Lea County fire agencies.

This project was fully funded as requested. The funding allocation will be awarded directly to Lea County Emergency Management to apply the funding in accordance with this plan.

Project reporting will be submitted to EMNRD and DOE/CBFO in accordance with Cooperative Agreement DE-FC29-88AL53813.

Table 5 – Project Activities and Cost in Thousands of Dollars

Activity/Equipment	Core Capability	2016 Cost
Kenwood TK-5430 Portable 7/800 MHz, 1024 Channel x 22 (Lea County Emergency Management)	Operational Communications	\$35k
Kenwood TK-5430 Portable 7/800 MHz, 1024 Channel x 100 (City of Hobbs Fire Department)	Operational Communications	\$150k
<b>Total</b>		<b>\$185k</b>

# REGIONAL RESPONSE CAPABILITIES - STRATEGIC PLAN

## Core Capability: On-Scene Security and Protection

### Project 5 – Law Enforcement Response and Safety

The Lea County Sheriff's Department and City of Hobbs Police Department will purchase tactical officer down medical kits to enhance regional law enforcement response capabilities and officer safety.

This project was fully funded as requested. The funding allocation will be awarded directly to the Lea County Sheriff's Department and City of Hobbs Police Department to apply the funding in accordance with this plan.

Project reporting will be submitted to EMNRD and DOE/CBFO in accordance with Cooperative Agreement DE-FC29-88AL53813. The list of officer down medical kit contents are listed in Table 6.1 and are an example of what is expected to be purchased or similar items.

**Table 6 – Project Activities and Cost in Thousands of Dollars**

Activity/Equipment	Core Capability	2016 Cost
Officer Down Medical Kits (Lea County Sheriff's Department)	On-Scene Security and Protection	\$13k
Officer Down Medical Kits (City of Hobbs Police Department)	On-Scene Security and Protection	\$20k
<b>Total</b>		<b>\$33k</b>

**Table 6.1 – Officer Down Kits Content**

Officer Down Kits
<p>List of kit contents:</p> <ul style="list-style-type: none"> <li>• Halo Chest Seal</li> <li>• SofTT-W Tourniquet</li> <li>• Quikclot Combat Gauze LE-ZFold</li> <li>• Petrolatum Gauze</li> <li>• H Bandage Flat Fold Compression Dressing</li> <li>• Pair Tritongrip TE Black Gloves, Large</li> <li>• Needle Decompression Kit 14G x 3.25</li> <li>• Black Self Grip Tape</li> <li>• Primed Gauze</li> <li>• 7.5 Shears, Black</li> <li>• NPA 28Fr</li> <li>• Lubrication Jelly 2.7gm</li> <li>• Casualty / Medical Card</li> <li>• Black Molle Bag 6in x 5in x 2.5in</li> </ul>

# REGIONAL RESPONSE CAPABILITIES - STRATEGIC PLAN

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## Legal

There is nothing in this plan that is intended to require DOE to obligate or expend funds in excess of available appropriations, apportionments, or allotments in violation of the Anti-deficiency Act, 31 U.S.C. §§ 1341(a)(1)(A) and 1517(a). Recipients that accept funding administered under the Cooperative Agreement (CA) between the Department of Energy (DOE) and the New Mexico Energy, Minerals and Natural Resources Department become legally obligated to account for costs, justify expenditures, and ensure funding is used for its intended purpose under the terms and conditions of the CA, the Federal Grant and Cooperative Agreement Act of 1977 (31 U.S.C. 6301-08), and the DOE regulations promulgated thereunder (2 CFR 910). Funding for MRT training and competition administered by Nuclear Waste Partnership LLC (NWP) shall be governed by the Contractor Purchasing System as set forth in the WIPP M&O Contract (DE-EM-0001971) and conditioned upon funding recipients executing a waiver and release from liability in favor of NWP. Using federal dollars for unjust enrichment, personal gain, or other than their intended use is a form of theft, subject to criminal and civil prosecution under the laws of the United States.

## Conclusion

The completion of these projects will represent enhancements to response capabilities in the region and will provide agencies and organizations additional emergency response equipment, training, and/or exercise opportunities. Agencies and organizations that will be awarded funding should collaborate and interface with CBFO and NWP Emergency Management stakeholders to monitor the progress throughout the project cycle as part of the routine emergency planning process.