

# East Coast Disaster & Emergency

Preparedness • Response • Recovery Solutions & Services

## Joint Qualification & Value Proposition Presentation

**Louis Berger Group / Eaton /  
P/Strada-HIT / OSI-MEL**

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# Louis Berger Team's NJ Communities' Recovery Services Value Proposition Presentation

2



Recovery is the task of rebuilding after a disaster. This process in NJ will in some cases take months, and even years. During this time, Services, infrastructure, Facilities, Operations, and most importantly the lives and livelihoods of the entire community will be affected.

LBG approaches recovery in a customer empowering manner that integrates, speeds and delivers optimal recovery outcomes

# Louis Berger Team's NJ Communities' Recovery Services Value Proposition Presentation

- **The Louis Berger Group, Inc.-** The Louis Berger Group is a global leader in post-conflict / post-disaster Program Management & Engineering Services.

**Delivering Public Assistance & Management..4-9**

- **Eaton** – is a global leader in delivering end-to-end engineering, deployment, management and maintenance of both sustainable power and emergency power systems.

**Power and Communication.....10-11**

- **P/Strada** - P/Strada- Homeland Intelligence provides communications solutions that includes robust systems that can operate during and post any disaster, as well design, implementation and testing services worldwide.

**Delivering Communications Including 1<sup>st</sup>**

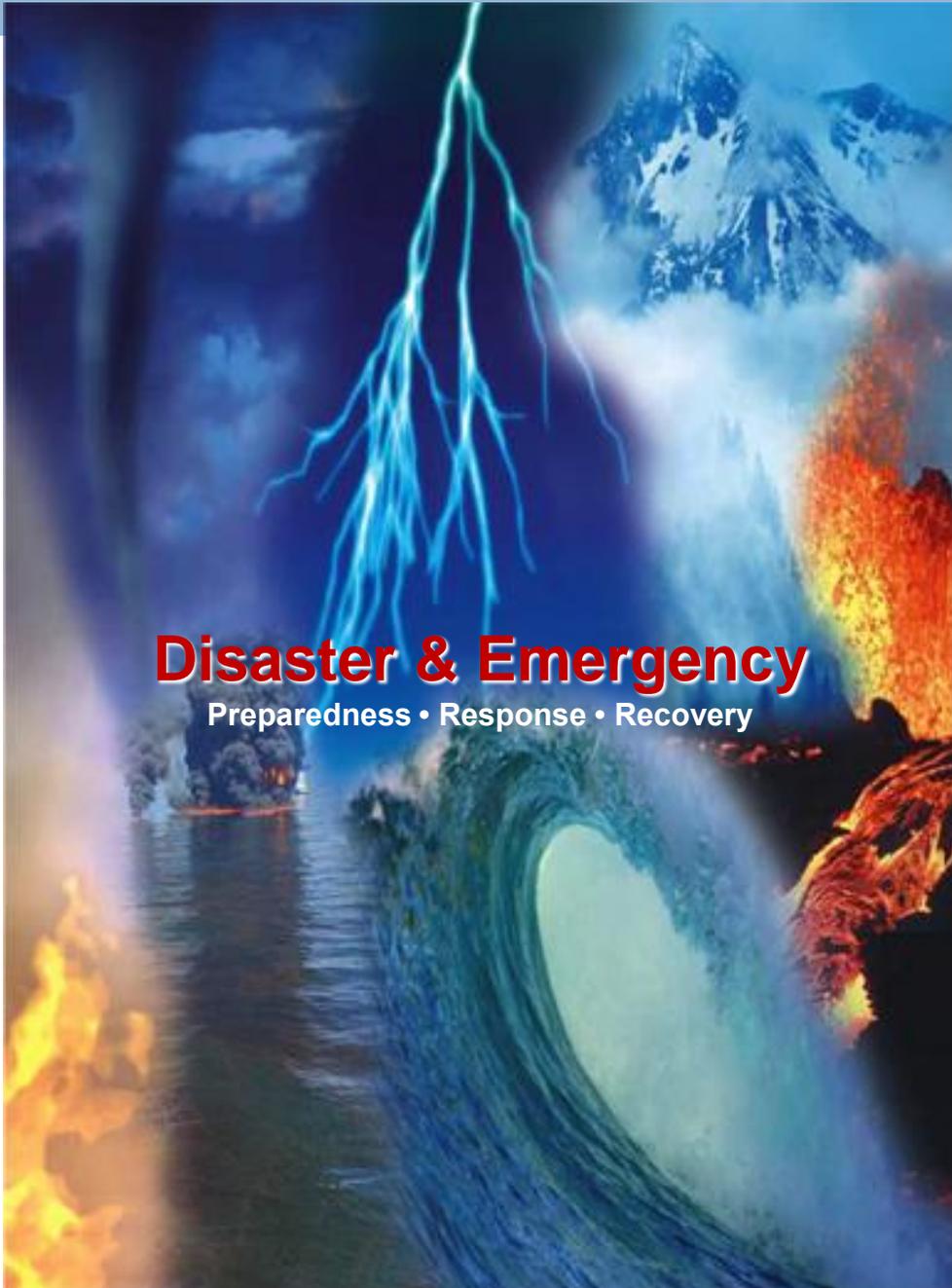
**Responder Support .....11-17**

- **OSI-MEL** – OSI-MEL is a strategy, engineering and program / project management enterprise with substantial post disaster recovery experience including forensic and environmental assessments, QA/QC, Debris Monitoring, Demolition planning & oversight, risk and security solutions delivery

**OA/QC, Debris Monitoring, Forensic Engineering  
& Environmental Assessment , & Consulting  
Services.....18-21**

# Louis Berger Profile

4



## **Disaster & Emergency**

Preparedness • Response • Recovery



## Disaster and Emergency Management

5

LBG was founded by Dr. Louis Berger in 1953 and is headquartered in Morristown, NJ where it employs hundreds of professionals including its disaster response and recovery leadership teams. The firm is recognized as a leading global architecture, planning, engineering and environmental consulting services firm employing more than 6,000 professionals worldwide. ([www.louisberger.com](http://www.louisberger.com)).

LBG has a long and successful history of providing emergency management, response and recovery, program management, civil, power supply and environmental engineering and remediation services. LBG's Contingency, Disaster and Environmental Services Division has allowed the firm to participate in programs ranging from small local emergency programs and responses to high profile local, state, national and international endeavors of all types including terrorism response, war-related recovery, as well as natural and man-caused disaster assessment, management and support services including:

- **Multiple on-call and project-specific debris removal and monitoring, engineering assessments, public assistance grant preparation, and ongoing recovery program management assignments** for hurricanes, coastal and inland flooding/ erosion, earthquakes and other natural and human-caused disasters in AL, FL, IA, LA, MA, MO, MS, NJ, NH, NV, NY, OH, PA, TN, TX, VA, Puerto Rico, the Virgin Islands, and American Samoa;
- **Response and on-going recovery services for the World Trade Center** both after the terrorist bombing in the 1990s as well as for the September 11, 2001 terrorist attack (LBG is the restoration program manager for this extremely large, highly complex effort);
- **Response/Recovery services for the U.S. Postal Service** following anthrax attacks in NJ and NY;
- **Ongoing nationwide Emergency Planning, Response and Recovery Services (EPRRS) for the U.S. Postal Service** [including all types of services and strict conformance with National Incident Management System (NIMS) and Incident Command System (ICS) requirements], e.g. in response to Tropical Storm Lee, LBG performed Preliminary Damage Assessments (PDAs)/cleanup efforts at approximately 19 facilities in New York State;
- **Worldwide Emergency Prime Power Support Services Provider for the U.S. Corps of Engineers**
- **Response/Recovery services for the Philippine's** following Mount Pinatubo Volcano eruptions



## Disaster and Emergency Management

6

**LBG also holds many response/recovery-inclusive on-call services contracts in direct support of clients, as well as environmental and other post disaster readiness and response/recovery consultancies, including an IDIQ with NJ, etc.:**

- New Jersey Department of Environmental Protection (NJDEP) (including responding to multiple emergencies)
- New Jersey Department of Transportation (NJDOT) (including their on-call emergency engineering contract)
- US Department of Justice
- US Department Homeland Security (DHS)/ (FEMA)
- U.S. Environmental Protection Agency
- U.S. Army Corps of Engineers
- U.S. Navy
- U.S. Air Force
- U.S. Agency for International Development
- U.S. State Department
- U.S. Department of Energy
- National Park Service
- Federal Highway and Transit Administration
- Various National Highway Research Programs (TRB, AASHTO, NCHRP, FHWA) (including emergency evacuation research)
- National Oceanic and Atmospheric Administration
- U.S. Postal Service
- Multiple military installations



## Disaster and Emergency Management

7

**LBG offers a diverse range of disaster recovery services including:**

- Debris Management
- Preliminary Damage Assessments
- Public Assistance Program Support
- Post-Disaster Recovery and Reconstruction Planning Support
- Redevelopment Assistance
- Economic Recovery Planning and Assessment
- Mitigation Planning and Protection
- Emergency Power Supply
- Coastal and Beach Engineering and Re-nourishment
- Emergency Environmental Assessment & Response
- Emergency Engineering Services
- Training and Exercise



# Disaster and Emergency Management

Provided below are a few case studies of LBG's recent disaster recovery services efforts:

## **City of Galveston, Texas (TX) Park Board (GPB) - Hurricane Ike Disaster Recovery Program Services -**

Since October 2008 LBG has been supporting the City of Galveston, Texas (TX) Park Board (GPB) in providing technical consulting for FEMA PA Program and insurance recovery activities associated with Hurricane Ike. Under this over \$1.5 Million project, LBG along with subconsultants/Vanguard partners PBS&J and HDR has supported the GPB by providing disaster recovery support, coastal/civil engineering, architecture, and construction/program management. LBG is also assisting the GPB with assessing impacts and initiating project development as well as in their cleanup, recovery and restoration and mitigation actions. Berger's responsibilities have significantly increased over the course of this project to include: improved/alternative project development, hazard mitigation proposals, Project Worksheet (PW) appeals resolution and recovery planning. Through this contract, Berger has also provided professional consulting services to other local private non-profit (PNP) entities including:



- Galveston Historical Foundation
- Rosenberg Library
- Galveston Arts Center, Inc.
- Center for 20th Century Texas Studies

**State of Alabama Tornado Response** - LBG is supporting the State of Alabama in responding to one of the largest single-system tornado outbreaks (at the time) in United States history that occurred from April 14 to 16, 2011 and that devastated the State of Alabama. LBG has mobilized personnel experienced in the FEMA PA Program to the state to support the recovery efforts.

**Hurricane Irene Response for the Commonwealth of Virginia** - In response to Hurricane Irene (DR-4024) in August 2011, LBG was activated by multiple clients in Virginia utilizing our available contracts with the Virginia Department of Emergency Management (VDEM): Monitoring Debris & Removal Services for Emergency Situations; Emergency Services; and Emergency Standby Services – Public Assistance. LBG is supporting the Virginia Department of Transportation (VDOT) Fredericksburg, Richmond, and Hampton Roads Districts, and the Central Office; and the City of Portsmouth, VA in both their debris removal and in providing Public Assistance services for eight (8) separate projects/task orders. The LBG Team has mobilized hundreds of personnel performing debris supervision, debris monitoring, data management and data entry in order to ensure that potential applicants under FEMA's PA Program can maximize recovery efforts.



# Disaster and Emergency Management



**Hurricane Katrina Disaster Recovery and Appeals Program Services, New Orleans, Louisiana** – LBG as part of a Joint Venture with David M. Shapiro Disaster Planning and Recovery Consultants was contracted in January 2009 by the City of New Orleans, Louisiana (LA) (CNO) to provide technical consulting for FEMA PA Program, insurance recovery and appeals activities associated with Hurricane Katrina. Under this \$4Million project, LBG supported the CNO by providing disaster recovery support, civil engineering, project development, grant management, insurance recovery, development of appeals, and program management. LBG also assisted the CNO with assessing impacts and initiating project development versions as well in their recovery, restoration and mitigation actions. Berger was responsible for: documentation development and review; estimating and communications, grant management, and insurance recovery.

**National Preparedness Month initiatives support to District of Columbia Homeland Security and Emergency Management Agency (HSEMA)** – LBG has been working with key subcontractor America Speaks to develop discussion guides, outreach toolkits, and to design and conduct community outreach activities for the District of Columbia Homeland Security and Emergency Management Agency (HSEMA). To implement these National Preparedness Month initiatives, the team has been working closely with DC HSEMA's Outreach Division to reinforce the importance of preparedness and reaching different groups, such as at-risk populations, seniors, businesses, youth, and non-English language and faith-based organizations. During the summits, participants will be asked to explore ways in which they can prepare their organizations and businesses and themselves for emergencies and develop ways to engage members of their community to involve them in emergency preparedness. The summits will use the 21st Century Town Meeting model, where small group discussions are captured in table computers and people are able to individually vote on priorities. Once all activities are completed, the team will develop an after action report involving a summary of the outreach process, a review and analysis of the summits and an evaluation of benchmarks for the different outreach efforts.

# Eaton Crisis Response & Recovery Services

10

**Eaton Corporation** is a diversified power management company with more than 100 years of experience providing energy-efficient solutions that help our customers effectively manage electrical, hydraulic and mechanical power. With 2011 sales of \$16.0 billion, Eaton is a global technology leader in electrical components, systems and services for power quality, distribution and control; hydraulics components, systems and services for industrial and mobile equipment; aerospace fuel, hydraulics and pneumatic systems for government, commercial and military use. Eaton has approximately 73,000 employees and serves customers in more than 150 countries. [www.eaton.com](http://www.eaton.com).

Eaton's Crisis Response team has provided electrical (power system) assessments, emergency engineering and power services to government, commercial and military entities at the community, campus and facilities' levels following significant events like hurricanes, ice storms, floods, mass black-outs and explosions. Eaton's services have often reduced the risks of fatalities and significantly reduced post disaster property losses and expedited the return of essential and revenue producing activities in a rapid and safe manner.



# Eaton Crisis Response & Recovery Services

11

**Eaton's Engineering Services Crisis Response team (EESCRT)** is on the ground in NJ and is available to support any and all emergency response and recovery efforts to assess, reengineer (design) restore and/or replace (salt) water damaged equipment. Eaton's Engineering Services Crisis professionals are available 24/7 within no more than hours of notice to meet with government officials and/or local facilities personnel to determine the extent of any problem and how we can assist in your recovery efforts.

To Support assessment and recovery efforts, EESCRT has currently on the ground in New Jersey:

- (2) Command Center Trailers
- (6) Self-contained, fully equipped, 32-foot trailers
- (2) 40-foot trailers with complete on board generation, satellite communications and 'crisis goods'
- (10) Travel trailers
- (2) 175 kW Mobile Generator
- (2) F350 Pool Vehicles



# P/Strada Response & Recovery Support Services

12

P/Strada, LLC is a 8(a) and Service Disabled Veteran Owned Business (SDVOB) – that was established in 2001 by its owner and CEO, Patrice W. Manuel. Ms. Manuel is a retired military officer with over 20 years experience in project and crisis management, disaster response and organizational development. P/Strada specializes in Telecommunications project management, engineering support, product procurement and first responders' systems assessments, engineering design, system upgrades, deployments, post disaster urgent repair and maintenance. The firm also provides staff augmentation for post disaster response and recovery including security, debris monitoring, and engineering assessments.

P/Strada has designed and implemented for a major municipal government concerned about disaster and post disaster communications its fleet mapping services, as well as coordinated this City's communications system installations in all of its public safety and other fleet vehicles, pumpers and marine equipment. P/Strada has also provided "greening" demolition for various governments' telecommunications equipment including successfully recycling the obsolete tower and other communications equipment through the firm's EPA compliant "zero landfill initiative." Additionally, P/Strada has established and managed major telecommunications logistics facilities that included secure bonded warehouses that received, inventoried and delivered telecommunications products to various government entities.

Further, P/Strada telecommunications engineers have designed and program managed the installation of high-wind and ice secure government communications towers, coordinated site rewiring, site modifications, as well as the installation of VoIP at countless sites. P/Strada has also undertaken major DAQ (delivered audio quality) testing for government entities "1<sup>st</sup> Responders" communications assessment projects. On one such project, P/Strada undertook audio tests on 12,000 grids over a three month period capturing data, and measuring signal strength; which ensured the highest quality transmission was capable of being provided post-disaster to a large government entity's 1<sup>st</sup> Responders.

# **P/Strada Response & Recovery Support Services**

13

## **A brief list of P/Strada's customers include:**

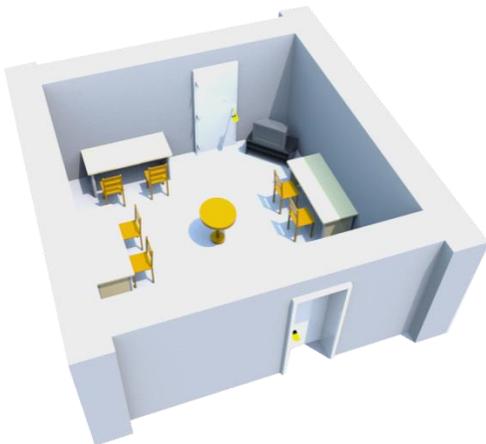
- Ft. Leonard Wood, MO AR Army National Guard MO Dept of Transportation
- Ft Sill OK Ft. Lewis, WA Ft. Leavenworth, KS
- VA Regional Office, Muskogee, OK
- Scott AFB, IL
- St Louis, MO World Trade Center
- St Louis Economic Council
- AHepa (HUD project), St. Louis, MO
- IL National Guard
- William Beaumont Medical Center, El Paso, TX
- MacDill AFB FL
- River City Construction, Benton, IL
- (Truman Veterans Medical Center, Columbia, MO)
- U.S. Air Force Academy, Colorado Springs, CO
- Wyoming Army National Guard
- Rhode Island Army National Guard
- MO Air National Guard
- Ft. Polk, LA DTRA
- Kirtland AFB NM
- South Texas Veterans Health Care, Harlingen, TX
- FEMA Region VII
- City of Kansas City
- General Services Administration (GSA) Region 6
- United States Citizenship and Immigration Services (USCIS)
- State of Virginia

# Homeland Intel Response & Recovery Mobile Support Services

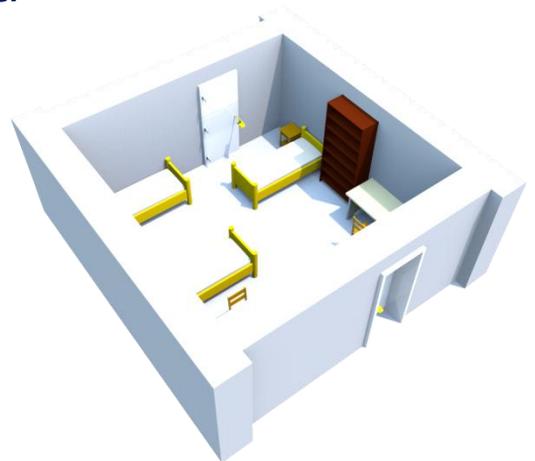
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**Command Center**



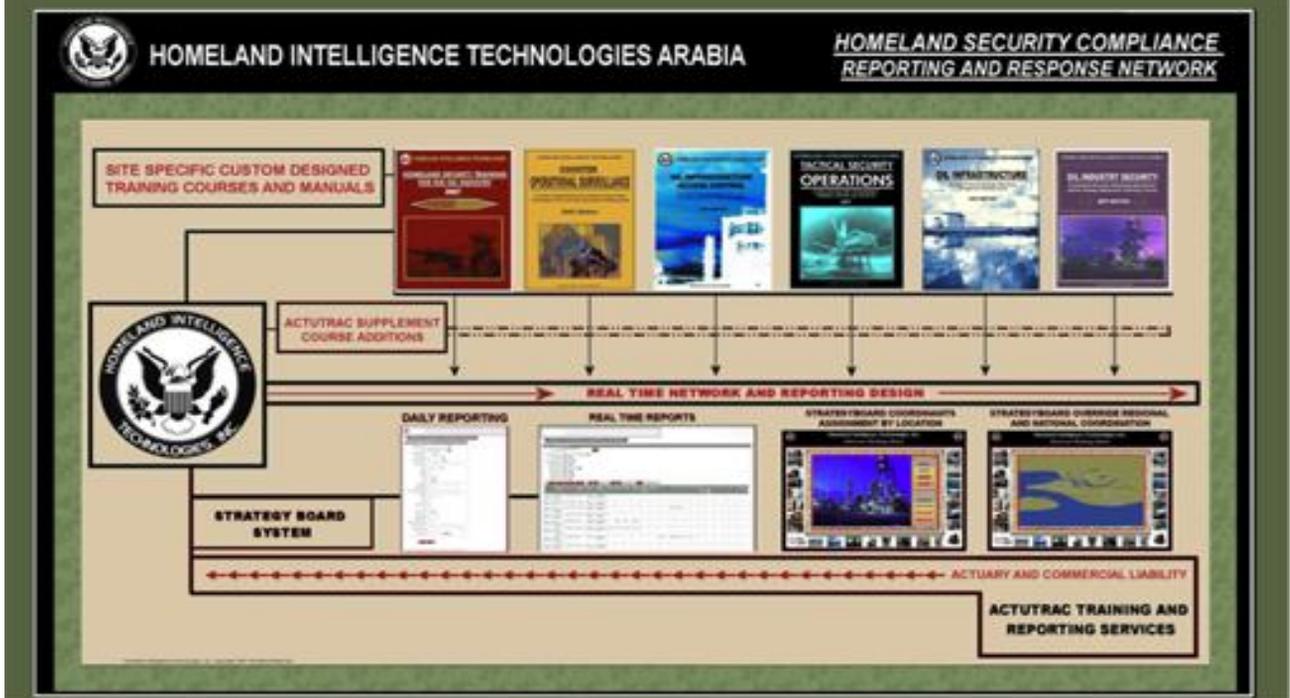
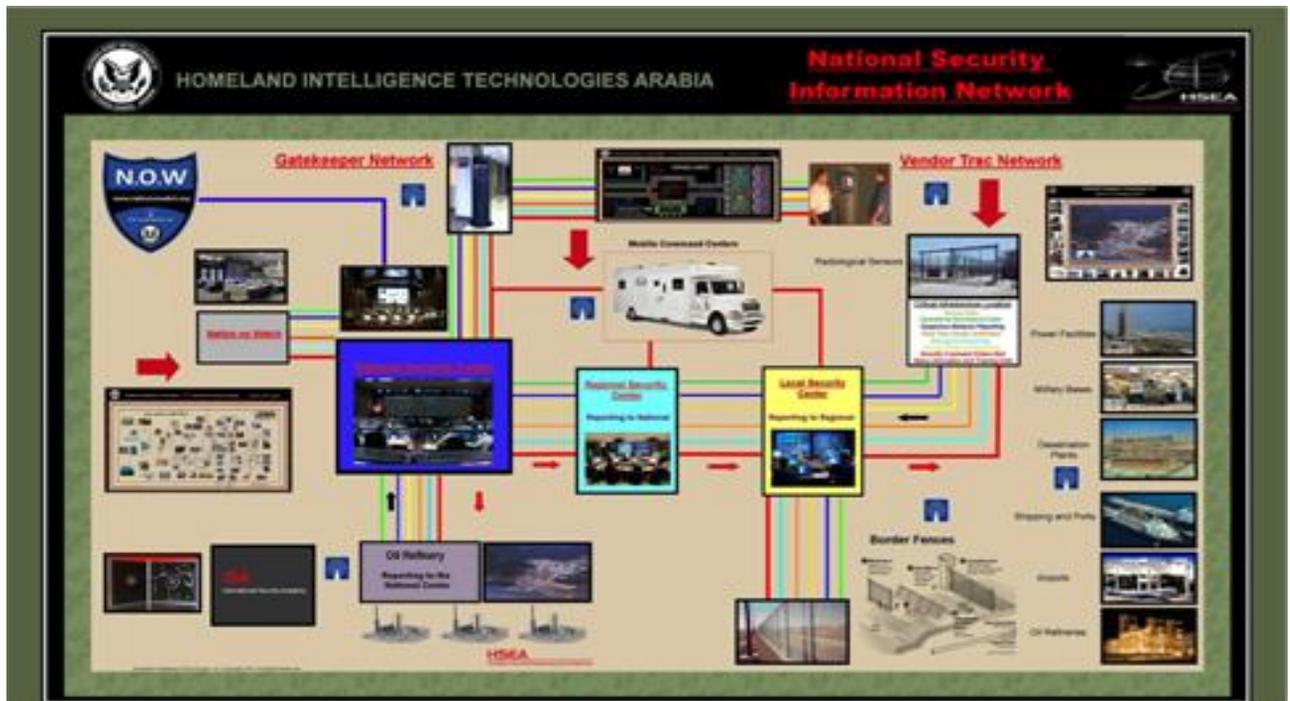
**Communications**



**First Aid**

# Homeland Intel's Response & Recovery Mobile Support Services

15



# HomelandIntel Response & Recovery Mobile Support Services

16

## Mobile Command and Control Capabilities

### Network:

- Thin Client Environment
- HP Thin Client
- Using two HP Servers running VM Ware and Windows Server 2003 with Citrix Server Software
- External Network Access
- Capable of connecting to an external network

### Broadband Satellite Communications:

- 1.2 Meter Satellite Dish
- Tracstar Modem
- Clear Channel Broadband Service
- Average Download Data Speed 1500 Kbps
- Average Upload Data Speed 384 Kbps

### On the Move Satellite with DirecTV Service

- IP Phone Access:
- Voice Over IP Communications Soft Phones—virtual phone able to display on each desktop to be used with a headset on the thin client for each user Up to 20 voice lines available

### Security Cameras:

- Connected through a DVR
- On display at all times to give a 360 degree view of the truck from inside, as there are no windows in the vehicle
- Portable wifi camera
- Security camera is available for remote viewing

### RF Interoperability:

- Motorola XTL 2500
- Kenwood Radio
- Low Band (35—43 MHz)
- VHF Band (148—174)



# Homeland Intel Response & Recovery Mobile Support Services

Date	Name of Event	Location	Type
May 30 – June 23, 2007	CWID 2007 (Coalition Warrior Interoperability Demonstration)	Dahlgren Naval Base, VA and Fort Belvoir, VA	XM
October 10, 2007	NOAA/Coast Guard Air Cadet Training Session and Remote Control of Unmanned Boats in Chesapeake Bay plus Congressional Visit	Capitol Hill, Washington, DC	D
July 30, 2007	Delaware Training Exercise	Dewey Beach, DE	XS
August 5, 2007	Haskell Race	Monmouth Park Racetrack, Oceanport, NJ	E
October 27-28, 2007	Breeders' Cup	Monmouth Park Racetrack, Oceanport, NJ	E
April 29, 2008	Truck Demo	Fort Monmouth, NJ	D
May 8 and July 23, 2008	Truck Demo for Defense Research Board	Fort Dix, NJ	D
July 14, 2008	NJIT/NJ Business Force	Newark, NJ	D
October 6 – 10, 2008	STAR-TIDES Demonstration	Fort McNair, Washington, DC	D
September 26, 2009	Joint MRC/CERT Exercise w/Monmouth County OEM	Wolfe Hill Recreational Area, Oceanport, NJ	XC

**KEY**

- D = Demonstration
- X = Exercise
- E = Events
- L = Local
- C = County
- S = State
- F = Federal

A partial list of demonstrations, exercises, and events Managed by Homeland Intel appear above with demonstrations of our emergency response capabilities denoted by a D, exercises denoted by an X followed by a L,C,S,F, or M representing local, county, state, federal, or military participation, and with events denoted by a single E.



## OSI-MEL's Response & Recovery Forensic Engineering Assessment & PM Services

18

**OSI-MEL** is a multidisciplinary engineering consulting team that has an SBA HUBZone as well as Section 3 certifications. OSI-MEL provides services to governmental, private, commercial and industrial clients. The team specializes in Forensic Engineering, Program, Project and Construction Management, as well as post disaster Consulting and Technical Support. OSI-MEL has the ability to undertake projects locally, regionally, nationally, and internationally. The team has an outstanding record of performance (especially with the Corps of Engineers), having been judged “satisfactory” or “outstanding” on all past projects and it is currently performing significant post disaster consulting in Haiti and was significantly involved in many Post Katrina Hurricane recovery activities.

The OSI MEL team leaders are Bob Oakley an engineer and Tuck MBA who has provided forensic engineering and post disaster assessments and project management for more than 20 years and Morgan M. Watson, P.E. who has over 43 years of engineering experience, primarily in private practice and academics. He holds B.S. (1966) and M.S. (1971) degrees in Mechanical Engineering from Southern University and LSU and is recognized nationally as a post disaster assessment and recovery expert who has lectured on these subjects at numerous universities as well as to elected and appointed government leaders.

Examples of the team's disaster experience includes Hurricane Gustav which made landfall in southern Louisiana on September 1, 2008 and caused extensive damage in Louisiana, Texas, and southern Mississippi. The team first provided Quality Control (QC) and monitoring services to the debris removal, demolition and cleanup of East Baton Rouge Parish, Evangeline Parish, East Feliciana Parish in Louisiana, and Wilkinson County, Mississippi. The team also provided QA monitoring services as subcontractor to the prime debris monitoring contractor responsible for the debris monitoring services in Livingston and Pointe Coupee parishes, and the removal of hazardous trees, limbs and stumps in the public parks in East Baton Rouge Parish.



## OSI-MEL's Response & Recovery Forensic Engineering Assessment & PM Services

19

### Summary of OSI-MEL Disaster Response/Recovery Expertise

- |  |   |
|--|---|
| <ul style="list-style-type: none"><li><input type="checkbox"/> Located in a HUB ZONE</li><li><input type="checkbox"/> Verified Veteran Owned Small Business(VOSB)</li><li><input type="checkbox"/> Certified Minority Business Enterprise (MBE)</li><li><input type="checkbox"/> 50+ years combined experience offering a wide range of risk management-forensic engineering services that can be combined to provide a unique, tailored project approach.</li></ul> | <ul style="list-style-type: none"><li><input type="checkbox"/> Risk Management</li><li><input type="checkbox"/> Forensic Investigation</li><li><input type="checkbox"/> QA/QC</li><li><input type="checkbox"/> Public Assistance Compliance</li><li><input type="checkbox"/> Debris Monitoring</li><li><input type="checkbox"/> Life Safety Code Asses.</li><li><input type="checkbox"/> Civil &amp; Mechanical Eng.</li><li><input type="checkbox"/> Safety Engineering</li><li><input type="checkbox"/> Disaster Response /1<sup>st</sup> Responders Support</li><li><input type="checkbox"/> Program, / Project Management</li></ul> |
|--|---|

**OSI-MEL** has provided exceptional performance on numerous Army Corps disaster related projects where the Team provided Construction Quality Assurance, Surveying, Engineering Design, Debris Monitoring, Safety & loss Control Services. The team has provided disaster related services to a total of 44 associated contracts for five (5) U.S. Army Corps of Engineers Districts. Mrs. Jean Todd, Contracting Officer and Chief of Contracting for the Memphis District provided a very typical grading for the team's services.

She ranked the team as providing **"Exceptional"** performance and included in her remarks: ***"MEL provided quality assurance personnel for debris removal. The contract was performed within all terms and conditions. They monitored their work force on a continuous basis assuring that all safety standards were met and that individuals were performing accurately and as required"***.



## **OSI's Response & Recovery Forensic Engineering Assessment & PM Services**

20

During Hurricanes Katrina & Rita the Team provided QA/QC Debris Monitoring to the Corps of Engineers for a \$12.5M fee project in Orleans Parish, and similar fee scale projects for (2) Corps of Engineers' prime contractors' major projects. These projects required the team to mobilize several hundred persons to provide the menu of Debris Monitoring, Assessment, Project Safety and Quality Control Management services including Quality Control Supervision, Contractor Oversight, Overall Site Safety Management, Disposal Site Management and Pre- and Post-PPDR Assessments

These Orleans Parish (New Orleans) projects involved the demolition of hundreds of structures and selective salvage of specific items of historical significance in conjunction with the decommissioning, demolition and debris removal in accordance with applicable federal, state, and local requirements. The work consisted of, but was not limited to: selective salvage of specific pre-identified items, decommissioning structures for hazardous substance removal, demolition of commercial structures, single/multi-family homes, detached garages, framed out-buildings, storage/tool sheds, fences, as well as the collection of other on-site disaster generated debris such as woody debris, construction/demolition (C&D) debris, soil and mud, and stumps. Woody debris (which includes vegetative debris and clean woody C&D – not pressure-treated wood, or wood with significant painted surfaces) was kept segregated from regular construction/demolition (C&D) debris as much as possible. The contract required the repair of all roadways, sidewalks, utilities, drainage structures and other features not designated for demolition or removal, which were damaged by contractor operations.

In November, 2005 MEL formed a joint-venture with Professional Temporaries, Inc. (MEL/PT, LLC) and was awarded a contract for "Quality Assurance Services for Debris Removal Mission in support of Hurricanes Katrina and Rita in Affected Parishes in Louisiana" by the Corps of Engineers New Orleans District's Louisiana Recovery Field Office (RFO).



# OSI's Response & Recovery Forensic Engineering Assessment & PM Services

21

## OSI-MEL Forensic Assessment Services

- ❑ OSI performs Forensic investigations associated with many different types of natural disasters including fires, tornados, hurricanes and floods.
- ❑ OSI also performs investigations associated with explosions, electrical failure, gas leaks and arson.

