
KEEP IN TOUCH

281-558-5252
11200 Richmond Avenue
Houston, TX

WWW.SHIPCOMWIRELESS.COM

SHIPCOM

WIRELESS, INC.

CATAMARAN

NEXTGEN

Pioneering Tomorrow's Innovations Today

About Shipcom

Minority owned- Hub Zone



Locations

- Headquartered in Houston, TX
- APG Aberdeen, MD
- Washington, DC



Industries We serve

Government | Healthcare | Energy |
Manufacturing | Oil and Gas | Education

STRONG TEAM

Core Team and Senior Execution Ecosystem


1. Dr. Tony Scott: CIO- WH, GM, Microsoft, Disney, Sqibb, VMWare
2. Tony Lisuzzo: GM- Shipcom Federal, Booz Allen, Dir. EW & Sensors US Army
3. Dr. Robert Whetsel: Chief Data Scientist- DOD, Cyber & Blockchain Expert
4. Dr. Ioannis A Kakadiaris: Founder- DHS, BTI, AI, Predictive Analytics, Identity & Face Recognition
5. Jeff Bell: VP Engineering- Shipcom Federal, CTO- Booz Allen



STRONG PARTNERS

1. Color Tokens: Dr. Nitin Mehta, Chairman Shipcom, CEO: Identity, Cloaking, Cyber Security, Micro segmentation, Hybrid Cloud
2. Amazon Cloud: Dr. Bill Vass, Global VP Engineering
3. Altiostar: Ash Dahod, CEO, 5G Mobile Cloud, Microcells for cities, vRAN
4. Data Robot: Jeremy Achin, CEO & Co-Founder: Machine Learning & AI
5. Various Partners for AML, FinCEN, Audit, Risk, Compliance



19. ITEM NO.		20. SCHEDULE OF SUPPLIES/SERVICES		21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
0001		DUNS Number: 135825545 CONUS RESPONDER SUPPORT CAMP NOT TO EXCEED \$81,000,000.00 DO/DPAS Rating: DO-N1 Period of Performance: 09/26/2017 to 09/25/2022 RESPONDER SUPPORT CAMP SERVICES- Early Phasing Continued ... <i>(Use Reverse and/or Attach Additional Sheets as Necessary)</i>					0.00
25. ACCOUNTING AND APPROPRIATION DATA See schedule				26. TOTAL AWARD AMOUNT (For Govt. Use Only) \$0.00			
27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4, FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED. 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4, FAR 52.212-5 IS ATTACHED. ADDENDA <input type="checkbox"/> ARE <input checked="" type="checkbox"/> ARE NOT ATTACHED.							
28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN _____ COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED.				29. AWARD OF CONTRACT: _____ OFFER DATED _____ YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:			
30a. SIGNATURE OF OFFEROR/CONTRACTOR 				31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER) RAHSAAN A EDWARDS <small>Digitally signed by RAHSAAN A EDWARDS DN: cn=RAHSAAN A EDWARDS, o=Department of Homeland Security, ou=FEMA, ou=People, email=RAHSAAN.A.EDWARDS@DHS.DHS.GOV, c=US Date: 2017.09.25 17:27:25 -0400</small>			
30b. NAME AND TITLE OF SIGNER (Type or print) Philip Marcovsky, EVP		30c. DATE SIGNED 9/25/2017		31b. NAME OF CONTRACTING OFFICER (Type or print) Rahsaan A. Edwards		31c. DATE SIGNED	

Shipcom: FEMA Contract



Contract Signed:
September 26, 2017



Contract Validity:
9/26/2017 – 9/25/2022



Contract Value:
\$81M

Contract Details

In the event of a Presidential Declaration for a disaster, the Government will utilize this contract to respond to the disaster, if necessary, by increasing the ceiling of the contract to perform services in the specific State(s) and/or the affected areas.

1.

FEMA uses this contract vehicle to stage responders, other authorized personnel, and assets deployed for occurrences, or events, requiring a Federal Government response.

2.

During CONUS disaster situations or other events, Federal, State and local responders may need a place that provides shelter, food, and additional basic needs.

3.

If Houston City or County Government currently has a Harvey related requirement, Shipcom will receive the official letter from the City or County Government and submit it

4.

It must be a Federal Responder Disaster Declaration (i.e. Houston 4277 – Harvey)



Hurricane Harvey

A Call to action

An outlook into Hurricane Harvey, lessons learned, and recommendations



Given Houston's history of flooding and its physical and development landscape, the question is not whether it will flood again, but when and how badly

1900
September - Major hurricane hits Galveston. The "Great Galveston Storm" is the worst natural disaster to date in U.S. history. Loss of life reported to be 6,000 to 8,000 citizens. Harris County experiences widespread flooding, with property damage at \$30 to \$40 million.

1907
Major storm floods much of Houston and Harris County.

1911-1914
Houston Ship Channel construction begins.

1913
December - Major Brazos River storm spreads to Harris County. Entire area is hard hit. Buffalo, White Oak, Brays and Greens Bayous are all out of banks. Many citizens evacuate.

1914
Houston Ship Channel opens.

1915
August - Another Galveston hurricane causes major damages throughout Harris County. Buffalo Bayou and widespread areas of Houston experience heavy flooding. Damage estimated at \$56 million.

1916
The United States Geological Survey publishes topographic maps for Harris County.

1929
April - Enormous gulf storm descends on Houston and Harris County and lasts 14 hours. Many areas of county report rainfall close to 10 inches. Extensive damage sustained to structures in almost all of Harris County. All bayous are reported to be out of banks.

1930
May - Large rainstorm cell remains stationary over Harris County for 3 days. Rainfall amounts reported as high as 12.5 inches. Entire area averages 9 inches.

1932
August - Hurricane hits Freeport, taking 40 lives. Harris County has widespread flooding on all bayous.

1940
November - Heavy rains last for 5 days in Northeast Harris County. 10,000 head of cattle lost.

1943
July - Hurricane near Galveston creates extensive flooding for Harris County. \$16.5 million in damages.

1943
October - Hurricane near Freeport. More than 11,000 structures flood in Harris County.

1945
August - Area hurricane produces heaviest rainfall ever recorded in Harris County. More than 15 inches in 24 hours. Flooding reported on all bayous.

1950
February - Thunderstorm precedes cold front, resulting in Greens Bayou running out of banks. Area residents evacuate. Baytown also reports flooding.

1955
May - Major thunderstorm hits northern portion of Harris County. Structure flooding reported in the area.

1957
June - Hurricane Audrey crosses the Louisiana/Texas coast. Flooding is reported in Harris County.

1959
October - Thunderstorm floods more than 100 structures in Houston area.

1960
June - Thunderstorm inundates many areas throughout Harris County. Cypress Creek, Spring Creek and San Jacinto River experience flooding. Over 200 families evacuate.

1961
September - Hurricane Carla pounds the Gulf Coast, taking 34 lives. It is the largest hurricane ever recorded, with property damages exceeding \$300 million. Heavy flooding reported in southern Harris County.

1969
February - Thunderstorm precedes cold front, flooding more than 250 area structures. Damages exceed \$3.3 million.

1972
March - Thunderstorm precedes cold front and floods much of northern Harris County. More than 700 families evacuate.

1973
June - Major storm hits Harris County and brings over 10-15 inches of rain. Sims and Greens bayous are reported out of banks. 10 lives are lost and damages exceed \$50 million.

1979
July - Tropical Storm Claudette brings record rainfall amounts to the area. A U.S.-record of 43 inches of rain in 24 hours falls in Alvin. Total damages exceed \$700 million.

1983
September - Nine inches of rain falls south of downtown. More than 1,000 structures flood along Brays Bayou. Damages top \$38 million.

1984
October - Thunderstorm in northern Harris County floods more than 200 structures. Total damages exceed \$32 million.

1989
May & June - Two separate storms result in two back-to-back presidential disaster declarations.

1992
March - Major storm floods more than 1,500 structures and many bayous are out of banks. Much of I-10 is under water.

1993
August - Hurricane Alicia strikes Galveston and Harris County. Damages approach \$1 billion. Most bayous are mostly due to wind.

1994
October - Major storm hits Harris County. Twice as many structures flood than in the 1992 storm. Most bayous are out of banks.

1998
September - Tropical Storm Frances causes extensive flooding along White Oak Bayou and other bayous. More than 1,300 structures flood.

1998
October & November - Adding insult to injury, two more major storms flood hundreds more structures, mainly in north Harris County.

2001
June - Tropical Storm Allison strikes first on June 5; returns three days later for a second round of storms. Texas Medical Center essentially shut down. North Downtown Houston decimated. Two million people impacted; 22 lives lost. More than 70,000 structures flood. Damages top \$5 billion.

2006
June 19 - Rainfall on already saturated ground floods 3,370 homes, 561 apartments and one nursing home, mostly along Berry and Sims bayous. Rainfall 8-10 inches in three hours.

2009
April 17-28 brings extensive flooding; five children drown when a car goes into a Greens Bayou tributary. Some highways close; record high water on Bear, Langham, Mayde creeks, San Jacinto River. More than 400 structures flood in Harris County and more than 900 in the Spring Creek watershed in Montgomery County.

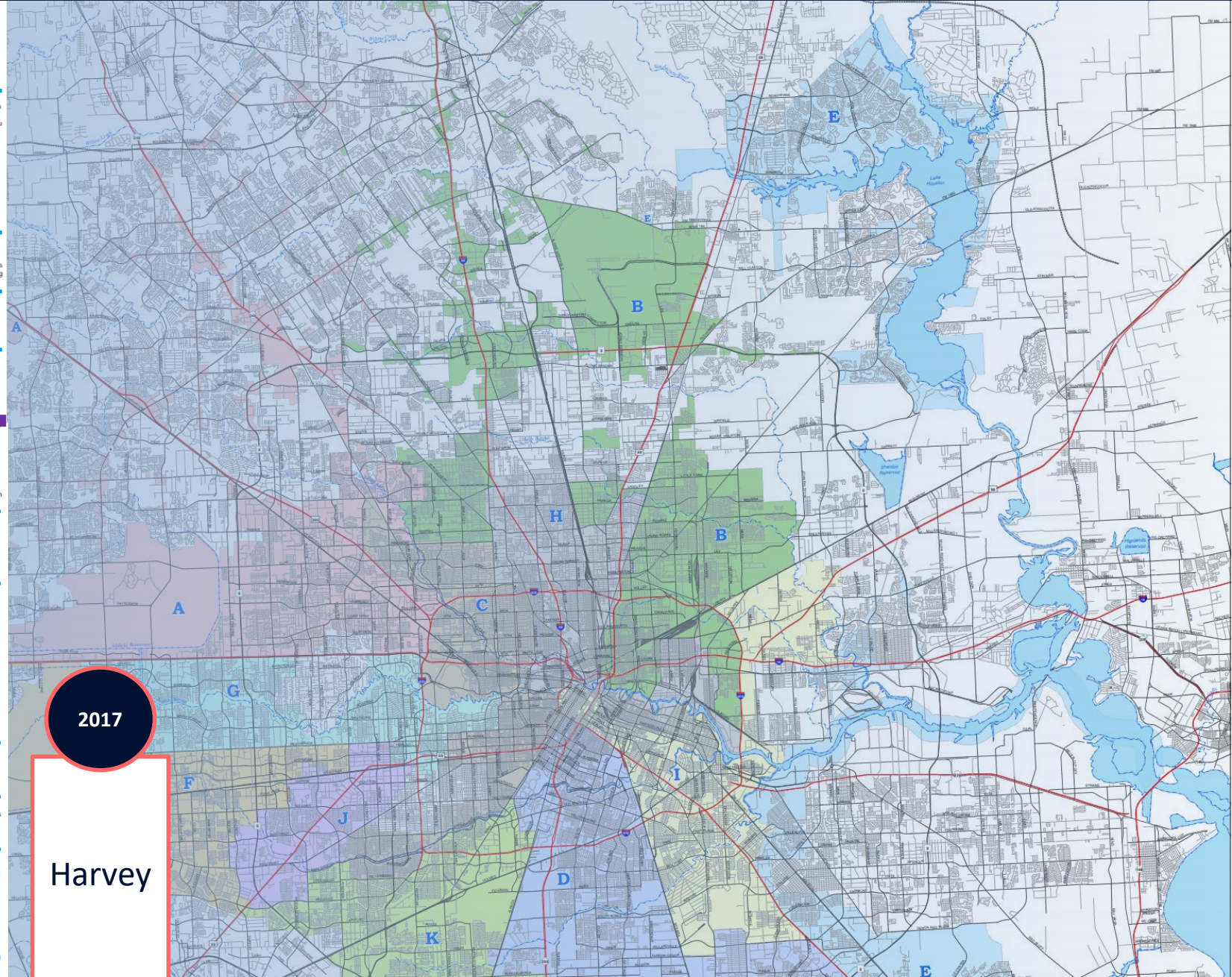
2012
July - High water rescues along Cypress, Little Cypress and Willow creeks after several days of heavy rainfall beginning July 9. More than 70 structures flood in northern Harris County.

2014
August - Slow-moving rains drench portions of Harris County with 3.5-4.5 inches. In the Greens Bayou watershed, 109 structures flood.

2015
May 25-27 - Memorial Day Flood. More than 6,000 structures flood. Seven fatalities. Highest rainfall recorded in Buffalo and Brays watersheds. Nearly 11 inches in 3 hours on Brays Bayou.

2016
April 17-18 - Tax Day Flood. Historic flood over northern and western Harris County results in seven fatalities. Average 12-16 inches of rain in 12 hours countywide; record pool levels in Addicks and Barker reservoirs. Estimated 9,820 structures flood in Harris County.

2017
August - Hurricane Harvey causes catastrophic flooding across Harris County and surrounding areas. Estimated 30-40 inches of rain in 24 hours. More than 100,000 structures flooded. Over 100 lives lost. Damages exceed \$125 billion.



Recommendation

Zurich Report, June 2018



Preparedness and risk reduction

- ✓ Use forward-looking scenarios to plan for the future.
- ✓ Limit or prevent the availability of federal insurance coverage for new properties in flood zones
- ✓ Make flood insurance more universally appealing for homeowners and businesses
- ✓ Build a culture of awareness around risk.
- ✓ Address household preparedness as part of business preparedness



Response

- ✓ Improve messaging around disaster events to more accurately reflect real risk.
- ✓ Trust the public with information that helps them manage their safety and preservation of assets
- ✓ Partnerships and relationships are fundamental to resilient response and recovery
- ✓ Use existing assets to provide critical information in disasters



Recovery

- ✓ Businesses can play a positive role for their employees and the communities in which they work through providing support to impacted employees and/or communities.
- ✓ Adapt policy and funding mechanisms to increase resilience for poor and vulnerable households.
- ✓ Invest in regulation, coordinated floodwater detention and neighborhood drainage
- ✓ Not acting now to build flood resilience in Houston and Harris County will potentially be very costly in the future





Fusion Center
1 or multiple locations



**Prepositioning of fully stocked
PODS: Houston, etc.**



**People, Inventory, Transportation
& Distribution Tracking
Technology**

Reconstruction Support/Infrastructure



FEMA Project

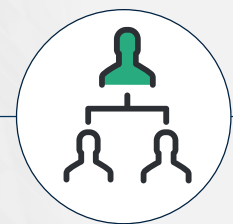
Fusion Center, Unified Communications, Logistics & Supplies, Prepositioning of PODs



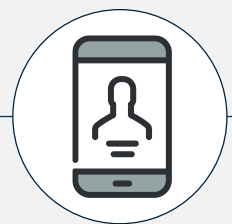
Fusion Center for Command and Control for Disaster Support in multiple locations in Houston



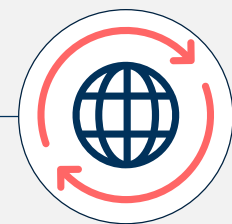
Continuous monitoring of an on-going disaster for better preparation and collaboration



Increased situational awareness between FEMA, DHS, Local, and state governments, ad law enforcement agencies



Collaborative disaster management



Integrating innovative technology for real-time tracking of assets, people, transportation and projects



Prepositioned Operational Deployment Supplies(PODS)



To be Stablished in 11 counties in Houston

For Rapid Response Capability, we suggest stocking 4-8 fully stocked PODS in City or County Warehouses in Houston. They PODS contain 10 days worth of supplies needed by 25 responders

PODS Contain:

- Tents, Cots, Linens, Blankets
- Food (MREs)
- Water
- Emergency Medical Kits
- Small boats and inflatable boats
- Tools
- ATV
- MHE
- Batteries, handhelds, walkie/talkie
- Catamaran Technology for Tracking
- Generators and electrical network
- Temporary power and light towers
- Potable water trucks
- ADA-compliant mobile shower trailers
- Portable laundry and hand wash stations
- Truck to move containers



Reconstruction/Infrastructure

Life Mission Support Services for Federal Workers Across Southeast Texas. Post Harvey related Projects , i.e. Flood Mitigation, Beach Erosion Control



Site Administration



Meal and Dining Services



Medical Services/Medical Units



Security and Badging



Restrooms and Showers



Laundry



Janitorial and Camp Maintenance



Potable and Non-potable Water



Waste Management





People, Inventory, Transportation & Distribution Tracking Technology

Google Map

10-Oct 02:15 11-Oct 03:45 13-Oct 12:15 13-Oct 02:10

Confirmed Packed Docked Shipped In Transit Arrived

Map Satellite

Route Information

Route	Duration	Distance	Arrival On
Philadelphia to Trenton			
Trenton to Philadelphia			

Item	Location & Transport	Summary
Voss	Smart Water	Ozarka
Pure Life	Fiji	Aquafina

Alert HIGH 5

No of Packs: Total Cost(\$):

ADD

Tracking

Logistics augmentation of Multi-Modal Transportation Operations (Movement Tracking, Redistribution)

- Tracking of transportation assets from origin, destination and through retrograde
- Inventory management of all assets using during a disaster
- 360 degree and real-time visibility
- Send assets where they are needed the most





Thank You

Shipcom Wireless Inc.

Aug 2018