# City of Key West, Florida

# **2013 General Operational Plan**





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## **Disaster Recovery and Debris Management**

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August 6, 2012

City of Key West Attn: Craig Marston Post Office Box 1409 Key West, Florida 33041-1409

Re: 2013 General Operational Plan

Please find below, CrowderGulf's General Operational Plan for the City of Key West for 2013. It should be recognized that a detail Operational Plan is event driven. Therefore, it will be developed in cooperation with the City after the initial damage assessment has been completed. This plan will incorporate the initial Task Order(s) issued to CrowderGulf by the City. Only then can there be a comprehensive Operational Plan to meet requirements of the event.

This general plan is based on the three (3) response levels to be determined by City Task Orders. We will immediately assist with the push with pre-positioned equipment for storms up to Cat 2 to clear emergency routes in the City if requested. We will mobilize crews simultaneously to assure that debris removal will begin as soon as feasible. We will also respond early with crews to remove, stockpile and screen sand as well as having crews mobilized to clear and open your vital waterways. It is recognized that all of these services may not be required for small storms.

Given that the City will be evacuated for predicted major or catastrophic storms (Cat 3, 4 & 5), we will not pre-position crews and equipment. Current conditions, forecasts and executive orders will dictate whether we mobilization and deployment to the City before landfall. However, we will be as responsive as conditions permit given that safety of our crews is the overriding factor.

Road/bridge closure could require us to resort to alternative measures to get necessary equipment, personnel and supplies to the City post storm. In these situations CrowderGulf will use sea-going barges to transport equipment to and from the City. These barges will be available, per task order, for embarkation at Port Everglades, FL and Fort Myers, FL. Therefore, response times will be delayed accordingly. Barges will continue to be used until road conditions are remedied.

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We are tentatively assigning specific subcontractors to the City. We will increase or decrease the numbers of subcontractors within a few days after debris removal begins to guarantee the work is being completed in a uniform and timely manner. CrowderGulf can add more specialized equipment and crews, as tasked, to accommodate requirement other than normal debris pick up, removal and disposal.

We will use one or all of the six (6) identified Debris Management Sites (DMS') to store, reduce and process all categories of debris. Refrigerants, oils and waste food will be removed from white goods before they are transported for recycling. Hazardous wastes will be containerized, stored and transported to the nearest permitted final disposal landfill or as determined by the City. Construction & Demolition (C&D) material will be segregated from clean woody debris and transported to the landfill. Reduced vegetative debris will be recycled if possible as a soil amendment or hauled to the landfill.

CrowderGulf will work closely with the monitoring contractor (True North) to ensure that all debris is FEMA eligible and that the work is reimbursable in accordance with Federal and State of Florida policies and procedures. Our objective is to provide a tailored debris removal package to fit the situation. CrowderGulf will conduct as many passes as the City approves and stay on site until all temporary work sites are restored, accounts closed and formally released by the City. Although we hope the beautiful City of Key West is never impacted by a storm, we stand ready to provide our assistance as tasked.

John Ramsay &
The CrowderGulf Team

#### City of Key West, Florida 2013 General Operational Plan

# <u>CrowderGulf General Operational Plan</u> 2013

This plan is broken into three (3) levels of response:

**Level I:** Tropical Storm to Category 1 storm for which we are activated to support the City

**Level II:** Category 1-2 storm which requires a more substantial level of support and possible pre-position assets.

**Level III:** Category 3-5 storm which requires our full level of support and possibly alternative means of transportation for long periods.

## I. Level I Response

#### A. Management

CrowderGulf will provide a project manager, field supervisors, DMS supervisors and crews and documentation personnel at a minimum.

#### B. Disposal

Debris will be hauled directly to final disposal at the nearest permitted landfill or as designated by the City.

#### C. Debris Removal Equipment

We will use 35 to 100 CY self-loader trucks to pick material from right of way. In some instances we may transfer directly from the self-loaders to 80 – 110 CY dump trailers if and when road conditions allow. Depending on location and debris density this would make self-loaders more efficient and reduce truck traffic to the landfill. The transfer can be accomplished in a small area; most any parking lot or dead-end street.

#### D. Removal Crews

One subcontractor will be assigned to each of the nine (9) Debris Zones). They will use as many crews as needed to cover the area in the allotted time. CrowderGulf crew will handle the beach area.

#### E. Assigned Contractors

 P&J's Landclearing Pat Wilson Greenacres, Florida 561-740-9938

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- 2. Phoenix-Hayes
  Dan Hayes
  Wellington, Florida
  561-791-8166
- 3. All Florida Tree Allen McPherson West Palm Beach, Florida 561-659-9717
- 4. Lauderdale Sand & Fill Ft. Lauderdale, Florida 954-797-8981

#### II. Level II Response

#### A. Management

Same as above or enhanced as necessary to meet conditions.

#### B. Disposal

Material will be stockpiled at the appropriate DMS (Debris Management Site) located throughout the City. C&D material will be reduced and hauled to final disposal. Vegetative material will be ground and recycled as biomass fuel, applied to agricultural land or be used for landfill cover. Beach debris will be loaded directly on dump trailers for transport to final disposal or to a DMS for reduction. If needed, Sand will be stockpiled at the Bridle Path DMS on A1A where it will be screened and returned to the beach.

#### C. Removal Equipment

- 1. 35 to 100 cy self-loaders
- 2. Rubber tired loaders with debris grapples
- 3. Extend-a-boom forklifts with debris grapples
- 4. Rubber tired backhoes
- 5. Bobcats with debris grapples
- 6. Rubber tired loaders and possible graders for handling sand
- 7. 60 to 80 cy dump trailers

#### D. Removal Crews

Two subcontractors will be assigned to each area. They will use sufficient crews to assure a completed job in the allotted time. The following four subcontractors will be added to the four previous listed subs, if subs are unavailable at time of event a suitable replacement will be added:

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- 1. WBI Jorge Perez Loxahatchee, Florida 561-718-3319
- Tri-Rivers Mark Dotson
   P.O. Box 553
   Cameron, MO 64429
   816-215-2297
- 3. Timberline Mike Dotson 8080 E Hwy 116 Lathrup, MO 64465 816-564-1761
- 4. Johnnie Gilmer Nicklesville, Virginia 540-479-3090
- Paul Bunyon
   494 Harvest Dr
   Rockwood, PA 15557
   205-454-9573

# III. Level III Response

#### A. **Management**

In a catastrophic storm situation, the City of Key West will require management in multiple locations. John Ramsay or Buddy Young will be the Director of Operations. John Campbell will be the Senior Project Manager and Eric Hall and Brian Smallwood will be field Project Managers. Eric Hall is also the senior debris reduction manager for CrowderGulf and will be responsible for establishing DMS operations as necessary. They will be supported by a logistics manager, Wes Naile, and a team of field supervisors and documentation personnel.

- B. **Disposal** Same as Level II, but with the possible addition of barge support.
- C. Removal Equipment Same as Level II with possible additions as shown below.
- **D.** Other Services as Tasked: It is anticipated that a Cat 3-5 storm will be devastating for the City and require that CrowderGulf provide additional

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services as tasked. We will be prepared to perform demolitions; clear waterways and canals; provide ice, water, mobile kitchens, laundry, restrooms/showers, generators, storm drain/catch basin clearing; collect and dispose of dead animal/fish carcasses; boat recovery and haul and store abandoned vehicles. Prices for tasks not currently in the contract can be fairly negotiated if the situation arises.

#### E. Removal Crews

The following four (4) subcontractors may be added to the previous eight subs:

- C&C Claypoole Mark Claypoole 166 Allison Road Harrisville, PA 16038 724-822-5603
- Zehendner Disaster Relief, LLC John Zehendner
   1029 S. Hughes St, Hamilton, MO 64644
   816-863-3988
- Dawn n Dusk Dave Callaway 28216 W 215<sup>th</sup> Lane Bethany, MO 64424 660-282-0418
- Clark Transportation Doug Clark
   Ruby Ridge Rd
   Franklin, NC 28734
   828-506-1631

# Office Location, Documentation and Reports

Temporary office immediately following disaster

- Anything over a category II hurricane, we will bring CrowderGulf's mobile command center if needed
- Command center will be located at one of our DMS sites or other convenient locations
- Command center is equipped with satellite phones, computers, computer server (for data storage), complete telephone PBX, two-way radios, televisions and necessary office supplies/equipment

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- CrowderGulf is capable of operating with manual ticketing or electronic ticketing. True North has electronic ticketing capability the City of Key West may chose to use.
- CrowderGulf will comply with reporting requirements as outlined in the City Debris Management Plan. We will also place a company representative in the City command center (EOC) if desired.
- If the situation allows, CrowderGulf can hire displaced local citizens in administrative, quality control and safety positions. We will initially be selfsufficient, but will assist as much as possible in the economic recovery of the City.

## **IDENTIFIED DMS**

# (Debris Management Sites) Approved by FDEP

(Updated 2013)

**5701 College Road:** C&D, Vegetation, White Goods and Class III

McCoy Park: All of above

Wicker's Field: All of above

Trumbo Road: All of above

Truman Annex Waterfront: Command & Control, Vegetation, White Goods and Class

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Other location as identified per the situation

### **Subcontractors**

CrowderGulf must maintain control of all subcontractors assigned to the event. South Florida subcontractors will be used as much as possible if Key West is impacted by a disaster.

In addition to the previously listed subcontractors, we have enclosed an abbreviated list of South Florida prequalified subcontractors that will be used if needed. We also have prequalified subcontractors in North Florida and the Panhandle that can be utilized. There will be no shortage of personnel and equipment for the City of Key West.

#### City of Key West, Florida 2013 General Operational Plan

In the case of a small event, CrowderGulf will only bring in three or four of our dedicated subcontractors who depend on CrowderGulf almost exclusively for their livelihood; the balance of the work will be done by South Florida or local subcontractors. If needed in a large event, we use local subcontractors along with subcontractors from throughout Florida and the Southeast.

Please contact CrowderGulf if you know of local contractors or individuals that would be interested in working during the during the storm recovery period.

# **Pre-qualified South Florida Subcontractors:**

•	First	Last		<b>A</b> 11	• •			<b>5</b> 1 4	_	
Contractor	Name	Name	Address	City	State	Zip	County	Phone1	Fax	Email
A-1 Underground	04	F.J.	4075 OM 5745 Towns	Davida	_,	22244	Durant	954-321-	954-321-	A4
Services, Inc.	Steve	Fuller	4875 SW 57th Terrace	Davie	FL	33314	Broward	1642	1642	A1ugsi@aol.com
American Waste			3350 NW 22nd Ter. Ste 900-	Pompano				954-491-		
Management, Inc.	Dave	Boni	1000	Beach	FL	33069	Broward	6634		dBoni@alliancecontractor.com
Austin Tupler Trucking Inc.	Glen	Tupler	6570 S.W. 47th Court	Davie	FL	33314	Broward	954-583- 0801	954-583- 0844	tupler@bellsouth.net
Bergeron Emergency				Ft.				954-680-	954-680-	
Services, Inc.	Jake	Voth	19612 SW 69th Place	Lauderdale	FL	33332	Broward	6100	0666	jfvoth@aol.com
C & A Contracing, Inc.	Craig M.	Caira	7200 Griffin Road Suite 3A	Davie	FL	33314	Broward	954-581- 4700	954-581- 4717	Jcaira@bellsouth.net
				Pembroke				786-229-	305-949-	
Chin Diesel, Inc.	Leonard	Chin	9861 NW 3rd St	Pines	FL	33024	Broward	3336	1328	detroitdsl@aol.com
Cleanharbors Environmental								954-430-	954-430-	
Services	John	Stewart	11221 Interchange Circle S.	Miramar	FL	33025	Broward	2860	8495	stewart.john@cleanharbors.com
CR Construction and Real Estate Management, LLC	Coty	Reeve	141 NE 53rd Ct	Oakland Park	FL	33334	Broward	945-946- 7006	945-946- 7276	crconstruction1@aol.com
<b>3 3 3 3</b>	Jean-			-				954-255-	954-255-	
CSX Property Services	Sebastien	Gros	5000 Godfrey Rd	Parkland	FL	33067	Broward	7848	7925	
DRD Enterprises Inc	David	Pressler	858 NW 81 Terrace	Plantation	FL	33324	Broward	954-370- 7944	954-337- 2837	Lunarcon@aol.com
Eastern Waste				Pompano				954-543-	954-580-	
Systems, Inc.	Angelo	Marzano	1660 NW 19th Ave.	Beach	FL	33069	Broward	9800	0616	amarzano@easternwaste.com
Emergency Response Service	Tony	Burrell	4510 SW 43rd Ave	Ft. Lauderdale	FL	33314	Broward	754-423- 1905	954-581- 7266	piratelife@earthlink.net
Florida Storm	TOTTY	Dunell	4010 0W 40IU AVE	Lauderdale	1 -	00014	Diowaid	1300	1200	protono (wearthink.het
Protection Unlimited,				Pompano					954-784-	
LLC	Tim	Frangos	517S. Flagler Ave.	Beach	FL	33060	Broward		6878	tim@floridastormprotection.com
		_						954-347-	954-885-	unicendidastormprotection.com
Four R Equipment	JR	Ruiz	3701 Southwest 128 Avenue	Miramar	FL	33027	Broward	0280	8381	fourrequipment@yahoo.com
FSR Transporting & Crane Services Inc.	Evan	Lieb	1440 SW 31st Ave.	Pompano Beach	FL	33069	Broward	954-917- 9765	954-917- 9766	Fsrtransport@bellsouth.net

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Georgis Fence Concrete Co. Inc.	Glenn	Georgis	   1517 SW 6th Ave	Ft. Lauderdale	FL	33315	Broward	954-467- 2985	954-467- 2985	GlnChvy@aol.com
Gerard Villeneuve (FKA Vilco Construction)	Gerry	Villenerve	700 Polk Street	Hollywood	FL	33020	Broward	954-654- 8414	954-923- 2933	Sinonvy@doi.com
Image Lawn Maintenance, Inc.	Jim	Mulavaney	1020 NW 81 Ave.	Pembroke Pines	FL	33024	Broward	954-326- 3236	954-322- 5940	imagelawn1@bellsouth.net
Jatibre Property Presevation, Inc	Stacy	Braziel	729 NW 19th St #207	Ft. Lauderdale	FL	33311	Broward	754-234- 2791	954-229- 9956	braz232003@yahoo.com
JMS Construction Services Inc.	Jennifer	Schaefer	6289 W. Sunrise Blvd Suite 227	Sunrise	FL	33313	Broward	954-797- 7710	954-791- 7026	jennifers@jmspaving.com
M.J.K. Services	Mark	Kaskon	19101 SW 53rd Street	Ranches	FL	33332	Broward	954-434- 6155	954-434- 6154	mjkservices@bellsouth.net
Runway Agricultural Services	Jamie	Hayes	3035 S.W. 36 St.	Ft. Lauderdale	FL	33312	Broward	954-275- 2699	954-584- 6958	jhrunway@aol.com
Rush Roll-Off & Recycling, Inc	Mike	Selvanik	P.O. Box 1431	Deerfield Beach	FL	33443	Broward	954-854- 7335	954-854- 7874	rushrolloff@bellsouth.net
Seldin Construction Co. Inc.	Joel	Seldin	1391 Shotgun Road	Sunrise	FL	33326	Broward	954-382- 2000	954-382- 8999	joel@seldinconstruction.com
Sinco Trading & Transport Services(STS)	Fredrick	Sinclair	4727 NW 1 Street	Plantation	FL	33317	Broward	954-297- 7529	954-585- 4823	sinconasincona@msn.com
South Eastern Timber Corp.	Diane	Murray	P.O. Box 9289	Coral Springs	FL	33075	Broward	800-752- 3804	954-340- 5596	
TCI Disaster Service	Gary	Tepper	16703 Golfview Dr	Weston	FL	33326	Broward	954-385- 0304	954-384- 4751	garytepper@yahoo.com
Triple Nickle	Lucie	Roth	1300 NW 18 St	Pompano Beach	FL	33316	Broward	954-971- 0984	954-977- 0420	<u>Iroth@triplenickle.net</u>
Ziegler Builders Inc.	Robert	Ziegler	7034 NW 65 Terrace	Parkland	FL	33067	Broward	954-444- 9999	954-755- 4246	Zieglerbuilders&yahoo.com

Upon request, a complete listing of all Florida prequalified subcontractors can be provided.