PROPOSAL IN RESPONSE TO

Debris Management Contract Bid 2022

Town of Kiawah Island, SC Attn: Petra Reynolds, Town Clerk 4475 Betsy Kerrison Parkway Kiawah Island, SC 29455

Friday, April 15, 2022 2:00 pm



CONTACT INFO:

Chip Patterson
 109 White Oak Rd.
 Greenville, SC 29609
 (Corporate Office)

(864)469-9776
(864)469-9642

⊠ <u>chip@southerndr.com</u>







GREENVILLE CO. SC BUSINESS LICENSE # 047393



LETTER OF TRANSMITTAL

Due: Friday, April 15, 2022 at 2:30 pm

RE: Debris and Emergency Response Management and Recovery Services

Town of Kiawah Island, SC Attn: Petra Reynolds, Town Clerk 4475 Betsy Kerrison Parkway Kiawah Island, SC 29455

Southern Disaster Recovery (SDR) is pleased to submit the enclosed proposal for RFP Debris and Emergency Response Management and Recovery Services for Town of Kiawah Island, South Carolina, which sets forth our ability to perform the services requested. We have included detailed information regarding SDR's organizational structure, qualifications, resources, and experience we bring to our clients. We strive for excellence and integrity in our business practices and recognize the seriousness of compliance with all laws, specifically FEMA regulations. It is our pledge to provide Town of Kiawah Island, South Carolina with the utmost in ethical and professional disaster debris management services.

Since its inception, SDR has delivered superior debris recovery and removal services for the entities to which we have been contracted. When a disaster strikes, communities want the assurance that the contractor they have chosen to aid in recovering their community will provide efficient and comprehensive services. SDR has the experience and reputation to accomplish the contract requirements to the satisfaction of all parties involved.

SDR has significant available resources to manage disaster debris operations for all entities to whom we are contracted. SDR personnel have over 130 years combined experience in disaster recovery and debris management. With our management staff and safety officers, assets of over \$12 million, and annual sales exceeding \$40 million, we are large enough to manage multiple contracts simultaneously, without sacrificing the hands-on attention required by every entity's unique situation. In the past nine years, SDR has safety and successfully completed over 110 disaster debris contracts managing and disposing of over 8 million cubic yards of debris, valued over \$229 million.

SDR is a corporate member of the South Carolina Emergency Management Association (SCEMA) as well as the Disaster Recovery Contractors Association (a Washington, DC based trade organization). Chip Patterson, our project principle, has been an officer in the Florida association (FEPA) as well as having direct responsibility for administering FEMA public assistance programs in a neighboring county. Mr. Patterson was Florida's emergency manager of the year for 2005 in part due to disaster response and recovery leadership that year. Al McClaran, SDR's CEO, is a Board member of the Disaster Recovery Contractors Association, has provided key leadership on important FEMA recovery policy issues and has been a continual Platinum sponsor of SCEMA's annual conference.



Sonny Sims, SDR's Senior Project Manager, an experienced and Disaster Debris Removal Project Manager who is consistent in delivering client satisfaction in our safe practices, quality control and pace of work.

If awarded this contract, SDR will work closely with the Town officials, Emergency Management, and Public Works to complete the project efficiently. Our commitment extends into the community with our intention to utilize the maximum amount of local resources to fulfil our contractual responsibilities. Once the Notice to Proceed is received, SDR will begin promptly with the debris recovery and removal process.

This proposal is in all respects fair and in good faith without collusion or fraud.

Al McClaran, the signer of this proposal, has the authority to bind Southern Disaster Recovery, LLC in all representations of this proposal.

SDR intends to be bound by the terms of this proposal and the prices provided herein. We look forward to the opportunity to be your supplier of Debris and Emergency Response Management and Recovery Services.

Sincerely,

Al McClaran, CEO Southern Disaster Recovery, LLC

Below is the contact information for this contract:

Company Name	Southern Disaster Recovery, LLC
Address 1	109 White Oak Rd. Greenville, SC 29609 (Corporate Office)
Phone	(864)469-9776
Fax	(864)469-9642
Email	al@gosdr.com / Chip@gosdr.com
Contact Person	Al McClaran / Chip Patterson



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TAB 1 - MINIMUM QUALIFICATIONS



Company's Technical and Construction Capabilities

Contract management, Accounting, Administrative Practices

Southern Disaster Recovery, LLC

- ✓ Headquartered in the South Carolina Upstate in Greenville since 2012.
- ✓ Centrally located between Charlotte, North Carolina and Atlanta, Georgia.
- ✓ Near 3 international airports
- ✓ Satellite locations in Fairmount, GA, Orlando, FL, Isle Beach, NC and Virginia Beach, VA

Our strategic location enables us to respond quickly to the needs of our clients.

We specialize in environmental disaster preparedness, response, and recovery, and we have the resources, skills, and expertise to assist local, state, and federal entities. Southern Disaster Recovery, LLC's (SDR) management and support staff have the knowledge to assist entities with:

- ✓ Developing a Debris Management Plan
- ✓ Training appropriate entity staff in all aspects of debris disaster recovery
- ✓ Managing comprehensive debris recovery operations:

Response | Demolition | Collection | Reduction | Final disposal

SDR is skilled in all aspects of FEMA documentation criteria, which is paramount for entities to receive accurate and complete reimbursement. We ensure entities receive all federal disaster funding to which they are entitled. We have retired local EM Directors on staff who are deeply experienced in FEMA's PA program and a full-time CPA with a committed administrative staff to ensure compliance with all industry standards of superior debris operations. Rest assured, SDR is able to successfully fulfill our contract obligations to the satisfaction of all parties.

As a premier Disaster Debris Recovery and Removal Contractor, SDR is committed to:

- ✓ Excellent business practices
- ✓ Professional, ethical, and safe operations
- ✓ Strict adherence to all FEMA requirements for procurement, debris tracking & invoicing

Accurate records are paramount for entities to receive the maximum amount of funds available to facilitate a full economic recovery. To that end, SDR is reliant upon the records provided by the entity's monitoring company during any recovery project. We carefully review and verify all documentation provided since this information becomes the basis for our invoicing. If an entity chooses to self-monitor, we have an automated debris management system that can be used by the applicant for accurate tracking of billable items in debris operations.

SDR has refined our debris management processes to become a leading regional debris recovery and removal contractor. There are several factors that make SDR a noteworthy provider of debris recovery and removal services:

- Our principals and management have collective experience of over 130 years in disaster recovery and debris management.
- The comprehensive abilities and experience of our project managers and safety officers.
- Assets of over \$12 million.
- Annual sales exceeding \$40 million.



SDR has safely and successfully completed over 110 disaster debris contracts managing and disposing of over 8 million cubic yards of debris, valued over \$229 million.

Since our beginning in 2012, SDR has experienced rapid, sustainable growth. Following a catastrophic 2014 ice storm in South Carolina, **SDR processed over 2,000,000 CY of debris valued at over \$48 million**. Of that amount, we were the Prime Contractor for nearly 75 percent of the work. Hurricane Matthew provided opportunities for SDR to manage 19 separate contracts throughout North Carolina, Georgia, and South Carolina with a **combined debris total of over 1,000,000 CY**.

Following Hurricanes Irma and Florence in 2018-2019, SDR handled **nearly 1,845,000 CY of debris.** Simultaneously, we also successfully undertook a beach debris removal and berm restoration project in Florida valued at over \$7.5 million and completed debris clearing as a result of the catastrophic California wildfires that has continued ongoing.

Hurricane Dorian made landfall in North Carolina and produced devastating storm surge in 2019, SDR operated 7 TDMS locations and reduced debris by grinding, air curtain incineration, and compaction for the total \$7.5 million value and 316,890 CY.

In 2020, a Derecho hit much of central and eastern Iowa with straight line winds over 100 mph, SDR was selected by **the City of Marion**, **IA for their debris collection & disposal efforts and Waterway Debris Removal**. SDR has collected 730,000 cubic yards of debris and 289,188 cubic yards of waterway debris for this FEMA Public Assistance (PA) funded project, the total value is at \$24,368,800.

After Georgia Tornados in 2021, SDR responded rapidly to support City of Newnan's disaster response and recovery efforts. From 3/29/2021 to 8/6/2021, SDR processed over 388,000 CYD of debris valued at \$5,481,300.00.

Following 2021 Winter Storm Uri in KY, SDR operated Debris Removal for the 4 Counties in KY, SDR reduced debris for the total 641,800 CYD, 540 tons and the total value at \$ 18,574,100.00.

All our projects have been completed safely and prior to established deadlines.









2021 – Winter Storm Uri, KY: SDR was chosen by Carter Co., Boyd Co., Elliott Co and Lawrence Co. KY to help their Counties recover from the devastation of the worst ice storm Uri North – Eastern, KY in March 2021. From March 4th to August 30th, SDR removed in total 641,800 Cubic Yards and 540 tons of the debris valued at \$18,574,100.00. Source location, debris type, source and documentation tracked using an ADMS system for 2 of the counties; the 3rd county self monitored and used the SDR paper ticketing system for documentation.

2021 – Oconee Co. Creek/Stream Debris Removal The project is limited to the area 40 feet of top of bank on the creek/stream and includes the removal of fallen/damaged trees in within 2020's tornado path in the City of Seneca/Oconee County. From 4/22/2021 to 6/19/2021, SDR processed over 62,000 CYD of water debris valued at \$1,575,300. Source location, debris type, source

Construction & Demolition Debris

- All waste streams are safely collected consistent with contractual requirements, environmental sensitivity and organized to expedite community recovery
- C&D collected as a separate waste stream and either direct hauled to final disposal or hauled to a TDMS for further segregation of materials and/or reduction

and documentation tracked using the SDR paper ticketing system for documentation.

2021 – GA Tornado, City of Newnan: After Georgia Tornados in 2021, SDR responded rapidly to support City of Newnan's disaster response and recovery efforts. SDR's contract with the City of Newnan including disaster debris removal of numerous waste streams (woody, vegetative; C&D, HHW, white goods/appliances, etc.) as well as removal of dangerous leaners, hangers and stumps. Woody, vegetative debris was reduced by grinding and then hauled for beneficial re-use. Source location, debris

type, source and documentation tracked using an ADMS system. From 3/29/2021 to 8/6/2021, SDR processed over 388,000 CYD of debris valued at \$5,481,300.00.

2020 – Iowa Derecho, Waterway Debris Removal, City of Marion, IA: After the Derecho hit much of central and eastern Iowa in August 2020, Crop damage was extensive across the state and tree damage was catastrophic in the City of Marion. SDR was selected by the City of Marion for their Waterway Debris Removal. Source location, debris type, source and documentation tracked using an ADMS system From Dec. 1, 2020, to June 30, 2021, SDR has collected 289,200 cubic yards of waterway debris for this FEMA Public Assistance (PA) funded project debris at \$11,379,600.00.

2020 -- SC Tornado Oconee Co. SC: In April of 2020, a strong line of storms went through Oconee County, SC and was later confirmed a tornado. SDR was selected by the South Carolina Department of Transportation (SCDOT) for debris grinding and haul out in Oconee County. Throughout the duration of the 10-week debris grinding and disposal project, from 4/21/2020 to 6/26/2020, In total, SDR processed over 501,504 cubic yards of debris valued at \$2,748,000.

Household Hazardous Waste

- All waste streams are safely collected consistent with contractual requirements, environmental sensitivity and organized to expedite community recovery
- HHW is typically collected following first pass of Vegetative and C&D material. HHW is manually loaded into a lined or non-permeable container on a trailer or truck and hauled to a County aggregation site or final processing site.
- In large scale C&D producing events; a field expedient HHW cell is constructed in the TDMS for any material that inadvertently arrives at the TDMS



2020 – Iowa Derecho, Debris Removal, City of Marion, IA: On August 10, 2020, a Derecho hit much of central and eastern Iowa with straight line winds over 100 mph that was sustained for nearly 30 minutes in many locations. Crop damage was extensive across the state and tree damage was catastrophic in the City of Marion. SDR was selected by the City of Marion for their debris collection and disposal efforts. Source location, debris type, source and documentation tracked using an ADMS system From 8/17/2020 to 12/16/2020, SDR collected 730,000 cubic yards with a total project value of \$12,988,800 of debris for this FEMA Public Assistance (PA) funded project.

2019 – Hurricane Dorian, BEACH BERM RESTORATION BREVARD COUNTY, FL: Due to damage to public beach access areas as a result of Hurricane Dorian in 2019, South Beaches from R-142 to R-213 in Brevard County, Florida shoreline required beach and dune restoration. From 10/15/2019 to 4/21/2020, SDR successfully completed the original unit price contract by placing 99,841 CY of sand, which was sourced from quality local mines, with a total project value



of over \$3.3 million. The scope of work mandated that only high-quality sand sources be utilized, and that the project's stringent timeframe be adhered to. Southern Disaster Recovery successfully met both criteria to the satisfaction of the client's Project Manager.

2019 – Hurricane Dorian Debris Removal; Outer Banks, North Carolina: Hurricane Dorian impacted Outer Banks North Carolina with significant storm surge flooding and wind damage. SDR had eight (8) local government contracts activated; Hyde County, Tyrrell County, Town of Columbia, Dare County, Currituck County, Town of Kill Devil Hills, Town of Duck, Town of Southern Shores. Each contract included debris management (ROW removal for woody, vegetative material; Construction and Demolition debris; Household Hazardous Wastes; White goods/Appliances). SDR operated seven (7) Temporary Debris Management Sites (TDMS); three (3) of them were in environmentally sensitive areas within the National Park Service boundaries. Source location, debris type, source and documentation tracked using an ADMS system. From Oct 2019 to May 2020, SDR processed over 316,890 CYD of debris valued at \$7.5 million.

2018-2019 - California Wildfire Pacific Gas & Electric Utility Line Debris Removal: In November 2018, California suffered the most devasting wildfire in its history. The Camp Fire burned for approximately two weeks, until it was considered 100% contained. The ensuing tree debris caused perilous conditions in many areas serviced by Pacific Gas and Electric. As a result, Southern Disaster Recovery was contracted to remove debris from those areas. In an effort to be proactive in preventing subsequent



property damage and power outages, From Nov 13, 2018 to April 30,2020 Southern Disaster Recovery completed dangerous tree removal projects for Pacific Gas and Electric in California. Thousands of trees have been cut using multiple work crews. The project total is valued at over \$48 million.



2018 - Hurricane Michael Debris & Tree Removal Wiregrass Electric Cooperative, Inc., Hartford, AL: Following Hurricane Michael, Southern Disaster Recovery was contracted by the Wiregrass Electric Cooperative, Inc. (Wiregrass), with headquarters in Hartford, Alabama, to collect, remove, and dispose of hurricane generated debris along their 30-foot utility rights-of-way. The project scope included all the Wiregrass managed territory in Houston County, Alabama. In total, From March 12, 2019 to April 28 2019, SDR processed over 52,000 cubic yards of debris valued at nearly \$2.1 million. Source location, debris type, source and documentation tracked using the SDR paper ticketing system for documentation.

2018 – Tree Removal, Alligator Creek & Sampson River Flood Abatement, Board of County, FL: Following Hurricane Irma in 2017, the Bradford County, Florida Alligator Creek and Sampson River waterways were obstructed with debris and uprooted and/or fallen trees/tree limbs. Southern Disaster Recovery successfully completed

White Goods

- All waste streams are safely collected consistent with contractual requirements, environmental sensitivity and organized to expedite community recovery
- White goods are typically collected between 1st and 2nd pass. White goods are manually loaded onto a trailer or truck and hauled to a staging area for processing. White goods are inspected, putrescent material removed, and refrigerant removed by a certified technician.
- White goods taken to a recycler following processing.

not only the original fixed price contract of 14.7 miles of waterway at \$1.6 million, but also additional contract amendments, for a total project amount exceeding \$2.5 million. The original project began in September 2018 and was to last no more than 220 days. With the added tributaries, the project completion date extended to April 2019.

2018 - Hurricanes Michael & Florence: Hurricane's Michael and Florence ravaged the Southeastern and Gulf Coasts. As the Prime Contractor for several debris removal projects, Southern Disaster Recovery (SDR) managed eleven contracts in North Carolina and South Carolina. From Sep 2018 to Jan 2019, SDR successfully processed over 248,200 cubic yards of Vegetative and C&D debris valued at over \$5.2 million while also simultaneously performing debris removal as a result of the catastrophic California wildfires that has continued into 2019.

2017 - Hurricane Irma: Southern Disaster Recovery (SDR) managed multiple vegetative and C&D debris removal contracts resulting from Hurricane Irma. In Georgia, we were the prime contractor on five debris removal contracts and operated as the prime sub on eight contracts in Florida and Georgia. In total, From Oct 2017 to March 2018, SDR processed over 1,500,000 cubic yards of Vegetative and C&D debris on contracts totaling \$18.7 million. Outside of debris recovery and removal, SDR completed a Florida beach berm restoration project hauling over 317,000 tons of sand with a total contract valued at over \$7.5 million.

2016 - Hurricane Matthew: Hurricane Matthew affected the coasts of Georgia, South Carolina, and North Carolina in October 2016. SDR managed multiple vegetative and C&D debris removal contracts in eight SCDOT Counties; Hunting Island, SC; the town of Summerville; the city of Lumberton, NC; and seven GDOT Counties. From Oct. 2016 to Feb 2017, SDR processed over



1,000,000 cubic yards of Vegetative and C&D debris on contracts totaling \$16.5 million.



2015 - Historic SC Flooding: Severe flooding caused catastrophic damage in South Carolina during

2015. SDR managed debris removal contracts for C&D debris on state SCDOT roads in Horry and Georgetown counties, Georgetown County roads, and roads within the city of Georgetown, SC.

2015-2016 - Butte Wildfires, California: Following wildfires along utility lines in San Andreas, California, SDR was contracted to do a \$3.5 million tree removal project employing and managing up to 100 laborers comprising 25 work crews. The completion date is from Oct 21, 2015, to Dec 23, 2015.





2021 GEORGIA TORNADOES WOODY/VEG ; C&D ; HHW ; WHITE GOODS DEBRIS REMOVAL DANGEROUS LEANERS/HANGERS/STUMPS TDMS OPERATIONS



CLIENT / OWNER

City of Newnan Georgia

VALUE

\$5,481,300.00 CYD 388,000

PROJECT FEATURES

Debris Removal Debris Management FEMA PA Reimbursement

COMPLETION

3/29/2021 - 8/6/2021

REFERENCE

City of Newnan, GA Ray Norton Public Works Director morton@cityofnewnan.org 404.606.8140 25 Lagrange St., Newnan, GA 30263

KEY STAFF ASSIGNED TO PROJECT

Sonny Sims – Project Manager

PROJECT DESCRIPTION

Southeaster U.S. tornadoes produced F3 and F4 tornadoes; one of which hit Newnan, Georgia (an Atlanta suburb). The tornado storm system destroyed homes and caused major home and infrastructure damage over 40% of the community. SDR responded rapidly to support City of Newnan's disaster response and recovery efforts. Initial emergency clearance efforts were geared toward opening roadways for passage of public safety vehicles and other infrastructure restoration crews. The disaster debris removal was initiated immediately after the emergency phase to start early disaster recovery efforts for the community. SDR's contract with the City of Newnan including disaster debris removal of numerous waste streams (woody, vegetative; C&D, HHW, white goods/appliances, etc.) as well as removal of dangerous leaners, hangers and stumps. Woody, vegetative debris was reduced by grinding and then hauled for beneficial re-use after Georgia Tornados in 2021.

PROJECT HIGHLIGHTS

Throughout this two-month FEMA (PA) funded debris removal and disposal project, SDR utilized:

- 14 Bucket Trucks
- 23 Self-Loaders
- 11 Skid Steer
- 2 horizontal grinders





2020 SC TORNADO DEBRIS REMOVAL OCONEE CO. SC



CLIENT / OWNER

Oconee County South Carolina

VALUE

\$2,748,000 Total CY: 501,504

PROJECT FEATURES

Debris Collection / Removal Debris Management FEMA PA Reimbursement

COMPLETION

4/21/2020 - 6/26/2020

REFERENCE

SC Department of Transportation 955 Park St. Columbia, SC 29201 David Cook SCDOT Maintenance Director cookdb@scdot.org 803.737.0676

KEY STAFF ASSIGNED TO PROJECT

Sonny Sims – Project manager

PROJECT DESCRIPTION

In April of 2020, a strong line of storms went through Oconee County, SC and was later confirmed a tornado.

SDR was selected by the South Carolina Department of Transportation (SCDOT) for debris grinding and haul out in Oconee County.

PROJECT HIGHLIGHTS

Throughout the duration of this 10-week debris grinding and disposal project, SDR utilized:

- Water truck, 2 service and fuel trucks
- 2 dozers
- 8 trackhoes
- 4 grinders
- 49 Haul Out Trucks





2020 HURRICANE ZETA VEG DEBRIS REMOVAL, LEANER/HANGER REMOVAL WHITE COUNTY, GA



CLIENT / OWNER

WHITE CO. Georgia

VALUE

\$107,500

PROJECT FEATURES

Debris Removal Debris Management FEMA PA Reimbursement

COMPLETION

November 2020 - December 2020

REFERENCE

White Co., GA David Murphy Director of Public Safety dmurphy@whitecounty.net 706.864.9500 1241 Helen Hwy Ste 100, Cleveland, GA 30528

KEY STAFF ASSIGNED TO PROJECT

Chris Johnson - Project Manager

PROJECT DESCRIPTION

After Hurricane Zeta in 2020, Southern Disaster Recovery managed debris removal of Vegetative debris, as well as leaner and hanger removal. SDR was the prime contractor and was able to finish this job in a little over a month. SDR processed over 6,200 cubic yards of vegetative debris and over 450 leaner and hangers.

PROJECT HIGHLIGHTS

Throughout this two-month FEMA (PA) funded debris removal and disposal project, SDR utilized:

- 2 Bucket Trucks
- 2 Self-Loaders
- 1 Skid Steer
- 1 air curtain burner





2019 HURRICANE DORIAN VEG & C&D DEBRIS REMOVAL DARE, HYDE, CURRITUCK, TYRRELL COUNTIES AND 4 CITES



CLIENT / OWNER

Various Counties and Cities in NC

VALUE

\$7.5 Million 316,890 CY

PROJECT FEATURES

Debris Removal and C&D Household Hazardous Waste White Goods Debris Management FEMA PA Reimbursement

COMPLETION

October 2019 - May 2020

REFERENCE

Dare Co. NC Shanna T. Fullmer Public Works Director <u>shanna@darenc.com478.832.6301</u> 1018 Driftwood Dr. Manteo, NC 27954

> Corrine Gibbs Finance Manager <u>cgibbs@hydecountync.gov</u> 252.926.4400

KEY STAFF ASSIGNED TO PROJECT

Chris Johnson – Project manager Chip Patterson – Project manager

PROJECT DESCRIPTION

Hurricane Dorian made landfall in North Carolina and produced devastating storm surge on the NC Outer Banks islands of Ocracoke and Hatteras. Southern Disaster Recovery supported emergency road opening Hyde County and managed debris removal contracts of Vegetative, C&D Debris, as well as leaner and hanger removal in Dare, Hyde, Currituck and Tyrrell counties. SDR was the prime contractor on the four County contracts and the four municipal contracts. The flood and wind event produced complicated waste streams including white goods/appliances and household hazardous waste. SDR operated 7 TDMS locations and reduced debris by grinding, air curtain incineration and compaction.

PROJECT HIGHLIGHTS

Throughout this FEMA (PA) reimbursed debris removal and disposal project, SDR utilized:

- 11 Bucket Trucks
- 18 Self-Loaders
- 3 Horizontal Grinders
- 3 air curtain burners
- 5 High-Tip Wheel Loaders
- 3 Track Hoes
- 16 80-110 CYD Walking Floor or Dump Trailers





2018 HURRICANE FLORENCE VEG & C&D DEBRIS REMOVAL BEAUFORT CO, CITY OF GOLDSBORO & TOWN OF BOGUE IN NC





CLIENT / OWNER

Various Counties and Cities in NC NCDOT & SCDOT

VALUE

\$5.1 Million 232,400 CY

PROJECT FEATURES

Debris Removal Debris Management Veg & C&D HHW White Goods FEMA PA Reimbursement

COMPLETION

Sep 2018 - Jan 2019

REFERENCE

Various; available upon request

PROJECT DESCRIPTION

Following landfall of Hurricane Florence in 2018, Southern Disaster Recovery managed debris removal contracts of Vegetative, C&D Debris, Household Hazardous Waste and White goods as well as hazardous leaner and hanger removal. SDR was the prime contractor on five debris removal contracts in North Carolina and South Carolina. We operated 4 TDMS locations during the storm recovery.

PROJECT HIGHLIGHTS

Throughout this FEMA (PA) funded debris removal and disposal project, SDR utilized:

- 6 Bucket Trucks
- 23 Self-Loaders
- 4 Horizontal Grinders
- 4 High-Tip Wheel Loaders
- 2 Track Hoes
- 12 80-CYD Dump Trailers





2016 HURRICANE MATTHEW DEBRIS, C&D REMOVAL LUMBERTON NC, TOWN OF SUMMERVILLE, SC, 8 SC DOT COUNTIES, 7 GA DOT COUNTIES



CLIENT / OWNER SCDOT, GDOT, various counties

VALUE

\$16.5 Million

PROJECT FEATURES

Debris Removal Debris Management FEMA PA Reimbursement

COMPLETION

Oct. 2016 - Feb. 2017

REFERENCE

David Cook SCDOT Maintenance Director cookdb@scdot.org 803.737.0676 955 Park St. Columbia, SC 29202

KEY STAFF ASSIGNED TO PROJECT

Sonny Sims – Project manager Brad Dawkins – Project manager



PROJECT DESCRIPTION

Following Hurricane Matthew in 2016, Southern Disaster Recovery managed debris contracts for removal of Vegetative and C&D Debris. SDR had contracts for removal in 8 SCDOT Counties, Hunting Island, SC, Town of Summerville, City of Lumberton, NC, and 7 GDOT Counties. SDR processed over 1,000,000 cubic yards of Vegetative and C&D debris.

PROJECT HIGHLIGHTS

Throughout this six-month FEMA PA-funded debris collection and disposal project, SDR utilized:

- 139 Bucket Trucks
- 200 Self-Loaders
- 3 Horizontal Grinders
- 1 Air Curtain Burner
- 4 High-Tip Wheel Loaders
- 4 Track Hoes
- 46 80-CYD Dump Trailers



2014 WINTER STORM PAX DEBRIS REMOVAL BARNWELL COUNTY, SC



CLIENT / OWNER Barnwell County, South Carolina

VALUE

\$11.5 Million Total CY: 553,000

PROJECT FEATURES

Debris Collection / Removal Debris Management FEMA PA Reimbursement

COMPLETION

Feb 13, 2014 – July 20, 2014

REFERENCE

Roger Riley rriley@barnwellsc.com 803.541.1001 57 Wall St. Barnwell, SC 29812

KEY STAFF ASSIGNED TO PROJECT

Sonny Sims – Project manager



PROJECT DESCRIPTION

In mid-February 2014, a major snow and ice storm affected the United States South and East Coasts, bringing with it up to a foot of snow and crippling ice. The storm was a declared disaster for parts of South Carolina, making aid available for the 21 counties in South Carolina that were most severely affected.

As a result, SDR was selected by Barnwell County, South Carolina for debris collection and disposal SDR collected over 1 million cubic yards of debris for this FEMA Pubic Assistance (PA) funded project. Subsequently, the reduced debris was recycled as biomass, paper, and ground cover.

PROJECT HIGHLIGHTS

Throughout this six-month debris collection and disposal project, SDR utilized:

- 120 Bucket Trucks
- 54 Self Loaders
- 3 Horizontal Grinders
- 3 High-Tip Wheel Loaders
- 3 Track Hoes
- 10 80-CYD Dump Trailers



2014 WINTER STORM PAX DEBRIS REMOVAL AIKEN COUNTY, SC



CLIENT / OWNER Aiken County,

South Carolina

VALUE

\$26.5 Million Total CY: 1,433,000

PROJECT FEATURES

Debris Collection / Removal Debris Management FEMA PA Reimbursement

COMPLETION

Feb 13, 2014 - Aug 8, 2014

REFERENCE

Paul Matthews Aiken County EMA Director pmatthews@aikencountysc.gov 803.642.2561 1930 University PKW Suite 3000 Aiken, SC 29801

KEY STAFF ASSIGNED TO PROJECT



PROJECT DESCRIPTION

In mid-February 2014, a major snow and ice storm affected the United States South and East Coasts, bringing with it up to a foot of snow and crippling ice. The storm was a declared disaster for parts of South Carolina, making aid available for the 21 counties in South Carolina that were most severely affected.

As a result, SDR was selected by Aiken County, South Carolina for their debris collection and disposal. SDR collected over 1.44 million cubic yards of debris for this FEMA Pubic Assistance (PA) funded project.

PROJECT HIGHLIGHTS

Throughout this six-month debris collection and disposal project, SDR utilized:

- 70 Bucket Trucks
- 80 Self Loaders
- 7 Horizontal Grinders
- 8 High-Tip Wheel Loaders
- 8 Track Hoes
- 25 80-CYD Dump Trailers



TAB 2 - ADMINISTRATIVE SUBMITTAL

ATTACHMENT A

Town of Kiawah Island Drug-free Workplace Certification (Contractor/Vendor Other Than Individuals)

This certification is required by the Drug-free Workplace Act, Section 44-107-10 et seq South Carolina Code of Laws (1976, as amended). The regulations require certification by Contractors/Vendors prior to award, that they will maintain a drug-free workplace as defined below. The certification set out below is a material representation of fact upon which reliance will be placed when determining the award of a contract. False certification or violation of the certification shall be grounds for suspension of payments, suspension or termination of contract, or suspension or debarment from the right to submit bids for proposals for Town of Kiawah Island projects.

For purposes of this Certification, "Drug-free Workplace" is defined as set forth in Section 44-107019 (1), South Carolina Code of Laws (1976, as amended). The aforesaid Section defines workplace to include any site where work is performed to carry out the Contractor's/ Vendor's duties under the contract. Contractor's/Vendor's employees shall be prohibited from engaging in the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance in accordance with the requirements of the Drug-free Workplace Act.

By signing this document, the Contractor/Vendor hereby certifies that it will provide a drugfree workplace by:

- 1) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the Contractor's/Vendor's workplace and specifying the actions that will be taken against employees for violation of the prohibition;
- 2) Establishing a drug-free awareness program to inform employees about:
 - (a) The dangers of drug abuse in the workplace;
 - (b) The Contractor's/Vendor's policy of maintaining a drug-free workplace;
 - (c) Any available drug counseling, rehabilitation, and employee assistance programs; and
 - (d) The penalties that may be imposed upon employees for drug violations;
- 3) Making it a requirement that each employee to be engaged in the performance of the contract be given a copy of the statement required by paragraph (1) above;
- 4) Notifying the employee in the statement required by paragraph (1) that, as a condition of employment under the contract, the employee will:
 - (a) Abide by the terms of the statement, and

- (b) Notify the employer of any criminal drug statue conviction for a violation occurring in the workplace no later than five (5) days after the conviction;
- 5) Notifying the using agency within ten (10) days after receiving notice under subparagraph (4) (b), from an employee or otherwise receiving actual notice of the conviction;
- 6) Taking one of the following actions, within thirty (30) days of receiving notice under subparagraph (4) (b) with respect to any employee who is convicted:
 - (a) Taking appropriate personnel action against the employee, up to and including termination; and
 - (b) Requiring the employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;
- 7) Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs (1), (2), (3), (4), (5), and (6) above.

Name and Address of Business:

Southern Disaster Recovery, LLC

109 White Oak Rd. Greenville, SC 29609

WITNESSETH:

Signature of Authorized Agent

Print Name and Title:

Date:_____

Al McClaran / CEO

Attachment C

Proposal Signature Form

In Compliance with Request for Proposals, the undersigned hereby proposes to provide all services, materials, equipment, and labor, except as otherwise noted, for Debris Management and Emergency Response Management and Recovery Services.

NAME OF COMPANY: Southern Disaster Recovery, LLC						
By:	Al McClaran					
Signatare						
Title: CEO	_(i.e., Owner, Partner, Corporate Officer, etc.)					
Address: 109 White Oak Rd.						
City: Greenville	State: SC	Zip:29609				
Telephone Number: <u>864-469-9776</u>	Business Fax Num	ber: <u>864-469-9642</u>				
× Limited Liability Co Is your firm a Corporation,	mpany _Sole Proprietorship, or	Partnership?				
If incorporated, please list state of inco	prporation:					
FEIN or SSN: 45-5312400						

Attachment D

NON-COLLUSION OATH

COUNTY OF: Greenville

STATE OF: South Carolina

Before me, the Undersigned, a Notary Public, for and in the County and State aforesaid, personally appeared <u>AI McClaran</u> and made oath that the Offeror herein, his agents, servants, and/or employees, to the best of his knowledge and belief, have not in any way colluded with anyone for and on behalf of the Offeror, or themselves, to obtain information that would give the Offeror an unfair advantage over others, nor have they colluded with anyone for and on behalf of the gain any favoritism in the award of the contract herein.

SWORN TO BEFORE ME THIS _____ DAY OF _____, 2022

Authorized Signature for Offeror

Please print Offeror's name and address:

Southern Disaster Recovery, LLC

109 White Oak Rd. Greenville, SC 29609

Print Name: _____

NOTARY PUBLIC FOR THE STATE OF _____

My Commission Expires: _____



TAB 3 - INFORMATION TO BE SUBMITTED



COMPANY BACKGROUND OVERVIEW

Southern Disaster Recovery (SDR) is a rapidresponse contractor serving public and private clients. We are there for you in difficult times. Our service delivery includes:

- ☑ Disaster Debris Removal
- ☑ FEMA Public Assistance Expertise
- ☑ Environmental Response
- ☑ Hazardous Tree Mitigation,
- ☑ Utility Right of Way Services

Southern Disaster Recovery's (SDR) specializes in environmental disaster preparedness, response, and recovery. We are experts in disaster recovery project management and the Federal reimbursement programs that fund them. Our City, County and State customers are served out of our Greenville, SC Corporate office as well as regional offices in Orlando, Florida; Fairmount, Georgia; further strengthening our ability as a rapid-response contractor. SDR brings together the professionalism and combined strength of its associated companies to produce a disaster recovery division that meets the pressing needs of communities recovering from natural or man-made disasters.

SDR's significant range and breadth of technical and operational resources are applied to your disaster response and recovery. In the past ten years, SDR has safely and successfully completed over 110 disaster debris contracts managing and disposing of over 8 million cubic yards of debris, valued over \$300 million. SDR is large enough to successfully fulfill our contract obligations to the satisfaction of all parties.



Corporate Information

- Formed in 2012 as a LLC FEIN: <u>45-5312400</u> DUNS: <u>078499137</u> Cage Code: 6TXC1
- 2 Partners; Al McClaran, Managing Member Mark Ells, Member
- Headquartered in Greenville, SC 109 White Oak Road Greenville, SC 29609
- Office in NC
 <u>6784 Waterstone Grossing SW Ocean</u>
 <u>Isle Beach, NC 28469</u>
- Office in GA 2448 US Highway 411 Fairmount, GA 30139
- Office in Orlando, FL
 <u>390 North Orange Avenue Suite 2300,</u>
 Orlando, FL, US 32801
- Formed to provide excellent service in disaster recovery programs
- Have successfully completed over 100 Federally funded or Federally reimbursed projects for State and Local Government.
- SDR has 18 contract and full-time employees. Disaster project staffing is consistent with the size of the job; ranging from 20+ people to over 200 people working as subcontractors.



We excel at mobilizing and getting to work quickly, following an aggressive project management plan that safely supported rapid disaster debris removal. Our project managers, superintendents and foremen are experienced in disaster debris removal in strict adherence to FEMA Public Assistance requirements.

Our technically diverse management team is uniquely equipped to address the complexity of issues in post disaster recovery work. In addition to SDR's expertise in disaster recovery; our management and supervision team has experience in leadership positions in Public Works, Solid Waste, Emergency Management, Public Safety and Disaster Recovery program monitoring.

SDR has the broad experience needed to manage disaster recovery operations – program planning, project management, safety, quality control and un-paralleled success in project execution. Our staff are knowledgeable in all aspects of FEMA documentation and reimbursement criteria, thus ensuring that you receive all federal disaster funding to which they are entitled. SDR is committed to excellent business practices and pledges to conduct our endeavors safely, professionally, and ethically.

SDR is committed to excellence in our service delivery. We pledge to conduct business in a consistently safe, professional, and ethical manner.

SDR principals and leadership team have over 130 years collective experience in disaster recovery programs and program management dating to Hurricane Hugo in 1989. With the comprehensive abilities and experience of our principals, project managers, liaisons, and safety officer, assets of over \$12 million, and annual sales exceeding \$40 million, we are large enough to manage multiple contracts simultaneously, without sacrificing the hands-on attention required by every community's unique situation.

SDR 's professional staff consists of:

- Professional Engineers
- ISA Certified Arborists
- Former Local Government Public Works Directors
- Former State and Local Government Emergency Management Directors
- Certified Emergency Managers
- Licensed Landfill Operators
- Certified Public Accountant

The State of South Carolina



Office of Secretary of State Mark Hammond

Certificate of Existence

I, Mark Hammond, Secretary of State of South Carolina Hereby Certify that:

SOUTHERN DISASTER RECOVERY, LLC, a limited liability company duly organized under the laws of the State of South Carolina on May 11th, 2012, with a duration that is at will, has as of this date filed all reports due this office, paid all fees, taxes and penalties owed to the State, that the Secretary of State has not mailed notice to the company that it is subject to being dissolved by administrative action pursuant to S.C. Code Ann. §33-44-809, and that the company has not filed articles of termination as of the date hereof.

Given under my Hand and the Great Seal of the State of South Carolina this 21st day of July, 2021.

Real Property Services Business Registration Phone: (864) 467-7300 Fax (864) 467-7440 vww.greenvillecounty.org

December 07, 2021

SOUTHERN DISASTER RECOVERY

Business Registration No.: 047393

Your Business Registration Application for 2022 has been processed. Please retain this verification notice as proof of registration.

Beginning the calendar year 2015, stickers will no longer be applicable.

Business registrations are not transferable under any conditions. Businesses that change ownership during the year will be allowed forty-five (45) days to register with the County.

Business Registration Division Greenville County Real Property Services Please keep bottom portion for your records



2022 Greenville County Business Registration

Business Registration No.: 047393

SOUTHERN DISASTER RECOVERY 109 WHITE OAK RD GREENVILLE,SC 29609

Location: 109 WHITE OAK RD

Request for Taxpayer Identification Number and Certification

Go to www.irs.gov/FormW9 for instructions and the latest information.

	Southern Disaster Recovery, LLC 2 Business name/disregarded entity name, if different from above				
Print or type. e Specific Instructions on page 3.	 3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Che following seven boxes. Individual/sole proprietor or □ C Corporation □ S Corporation □ Partnership single-member LLC ✓ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partner. Note: Check the appropriate box in the line above for the tax classification of the single-member ov LLC if the LLC is classified as a single-member LLC that is disregarded from the owner of U.S. federal tax purposes. Otherwise, a sing is disregarded from the owner should check the appropriate box for the tax classification of its owner □ Other (see instructions) ► 	eck only one of the ☐ Trust/estate ship) ► yner. Do not check wner of the LLC is le-member LLC that er.	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) Exemption from FATCA reporting code (if any) (Applies to accounts maintained outside the U.S.)		
	5 Address (number, street, and apt. or suite no.) See instructions.	Requester's name a	ind address (optional)		
Š	6 City, state, and ZIP code				
	Greenville. SC 29609				
	7 List account number(s) here (optional)				
	Jordan McClaran / Controller				
Par	t I Taxpayer Identification Number (TIN)				
Enter backu reside entitie <i>TIN</i> , la	your TIN in the appropriate box. The TIN provided must match the name given on line 1 to ave up withholding. For individuals, this is generally your social security number (SSN). However, for ant alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other es, it is your employer identification number (EIN). If you do not have a number, see <i>How to ge</i> ater.	bid Social sec or a ta	curity number		
Note: Numb	If the account is in more than one name, see the instructions for line 1. Also see What Name a per To Give the Requester for guidelines on whose number to enter.	and Employer	identification number		

Part II Certification

Under penalties of perjury, I certify that:

- 1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- 2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- 3. I am a U.S. citizen or other U.S. person (defined below); and
- 4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ►	6	X	M	
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9*.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

• Form 1099-INT (interest earned or paid)

• Form 1099-DIV (dividends, including those from stocks or mutual funds)

3

- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)

Date >

- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property) Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

Client#: 1588397						15SOUTHDIS1					
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THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER. IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on											
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Michael Wyman

Account Executive Officer Travelers Bond & Specialty Insurance Construction Services 11440 Carmel Commons Blvd. Charlotte, NC 28226 (704) 544-3716

July 21, 2021

RE: Southern Disaster Recovery, LLC

To Whom It May Concern,

Please be advised that Travelers Casualty and Surety Company of America (herein after referred to as "Travelers") has handled all of the bonding requirements for Southern Disaster Recovery, LLC since early 2017. We have confidence in the financial and operations strength of the firm and are a strong supporter of their total work program. Consideration will be provided for a bond program in the \$100,000,000 range.

Southern Disaster Recovery, LLC has the ability to provide Performance and Payment Bonds for projects should they be selected. Naturally, as is customary within the surety industry, the issuance of any bid or final bonds is always contingent upon a satisfactory underwriting review at the time a request for bonds is made. This review may include, but not be limited to, acceptable terms (e.g. standard warranty and damage clauses), conditions, documents, bond forms and confirmation of an acceptable financing source and payment provisions. It should be understood that any arrangement for surety bonds is a matter strictly between Southern Disaster Recovery, LLC and Travelers. We assume no liability to third parties or to you by issuance of this letter.

Travelers Casualty and Surety Company of America is listed in the Department of Treasury's Listing of Approved Sureties (Department Circular 570) dated July 1, 2021 and holds an A++ (Superior) rating by A.M. Best with a Financial Size Category XV by A.M. Best.

Please do not hesitate to contact me if there are any questions or if I may be of further assistance.

Sincerely,

Travelers Casualty and Surety Company of America

Michael R. Wyman

Michael R. Wyman Account Executive Officer



CHANGES IN MODE OF BUSINESS SUMMARY

Southern Disaster Recovery (SDR) takes pride in completing the projects with which we are involved with the highest level of professionalism and integrity. We hold our subcontractors and our staff to a high standard of excellence. Because of the pre-planning put into every protocol and process we employ, the entities to which we are contracted expect and experience final outcomes that are both satisfactory and economically beneficial.

Southern Disaster Recovery can confidently state that our projects are completed safely, on time, and without consequent legal ramifications.

SDR can proudly attest:

- Within the last ten years, SDR has not been the defendant in any litigation involving debris removal operations.
- > SDR is not currently debarred, nor has ever been debarred, from doing FEMA related work.
- SDR has no license sanctions.
- > Within the last ten years, SDR has never had any contract terminations.
- Within the past three years, SDR has no mergers, acquisitions, consolidations, downsizing, or bankruptcy proceeding or filings.

Our highest priority is to provide the necessary resources for your entity's full physical and economic recovery.



KEY PERSONNEL FOR THE TOWN OF WIA

Al McClaran – Member – Chief Executive Officer Phone: 864-591-7797 Email: al@gosdr.com

Mr. McClaran is responsible for the day-to-day operations of Southern Disaster Recovery (SDR). He is knowledgeable in all aspects of FEMA criteria for debris recovery operations and has completed numerous courses with FEMA's Emergency Management Institute Independent Study Program. He works closely with Emergency Management and other government agencies both before and after disaster events. Prior to an event, he helps with readiness planning and preparation, including developing debris management plans and training government personnel in debris recovery operations. After disaster strikes, Mr. McClaran coordinates all aspects of the recovery and the documentation process to assure that the applicant receives the funding to which they are entitled. He has overseen debris removal projects following hurricanes, tornados, floods, wildfires, and winter storm disasters.

Chip Patterson – VP of Operations & Operations Manager Phone: 904-334-9690 Email: chip@gosdr.com

Robert "Chip" Patterson has over 30 years of experience in disaster management. Chip's career includes service as Chief of Operations in State Emergency Operations Centers in two states (North Carolina and Florida if the bid is either in NC or FL); organizing and leading disaster resources to support some of the largest natural disasters in the nation during the 90's. Chip also served as a local government appointed official for over 10 years where he was responsible for leading disaster operations and administering a number of grant programs including FEMA's Public Assistance Grant Program. His work in leading the nation's first local government to be accredited in emergency management and leading Incident Management Teams to support disaster operations in Hurricane Katrina and Hurricane Wilma. He has been leading disaster debris removal operations for the past 15 years and is responsible for SDR's disaster response and recovery operations.

Alive McClaran – Vice President of Civil Division Phone: 864-640-1403 Email: alvie@gosdr.com

Alvie McClaran, SDR VP of Civil Division, Registered Professional Engineer has 10+ years of experience in civil engineering design and project management. Experience with various government entities including EPA, FEMA, USACE, and DOT.

Sonny Sims – Senior Project Manager Phone: 864-901-0283 Email: sonny@gosdr.com

Sonny Sims, SDR's Senior Project Manager, an experienced and Disaster Debris Removal Project Manager who is consistent in delivering client satisfaction in our safe practices, quality control and pace of work. Mr. Sims is an ISA certified Arborist, and has completed over 89 disaster debris removal projects over 30 years.



Chris Johnson – Senior Project Manager Phone: 770-547-0951 Email: chris@gosdr.com

Chris Johnson has over 20 years Safety Management and Multi-Site Management experience. He managed operations in the Murray and Gordon County, Georgia, Solid Waste Disposal Facilities. He is a certified Landfill Manager and member of the Solid Waste Association of North America. He has worked closely with elected officials and local, state, and federal regulatory agencies in various capacities, including managing a safety program, ensuring staff training and compliance with safety policies and compliance of OSHA regulations. In addition, he has conducted safety audits and inspections of facilities throughout the U.S. His strong communication skills have benefitted many entities. In addition to his duties with SDR, Chris is also an instructor at the Georgia Landfill Operators Training Program at the University of Georgia.

Brett Huet – Safety Manager Phone: 619-213-4431 Email: huet@gosdr.com

Brett Huet's career, which began as a fire fighter/sawman and spans nearly two decades, has progressed to his current position with SDR as Safety Manager. Mr. Huet has many years of field experience performing various duties in debris clean up and management as well as inspection and oversight of hazardous tree removal operations. The skills he's developed in operations management and strategic development serve the SDR staff and the entities with which SDR is employed by providing comprehensive safety training and oversight. Mr. Huet's extensive knowledge and understanding of safety protocols in the disaster recovery and response industry makes him a significant member of our team.

Jordan McClaran – Controller / Data Tracking Phone: 864-469-7797 Email: jordan@gosdr.com

Mr. Jordan McClaran manages accounts payable and provide weekly progress payment reports to subcontractors ensuring on-time progress payments. Attentive to detail and committed to accuracy, ensuring SDR clients are served with integrity and efficiency. Oversees an office staff who supplement his skills, further extending the overall precision with which disaster response and recovery project records are maintained. The administrative operations of SDR often receive high praise from the clients served, stating records are correct, often requiring little review or oversight.


Al McClaran CEO / Member

PROFILE

- Focuses on integrity, honesty, efficiency, and the safe completion of any endeavors SDR undertakes Implementing strategies and operations for disaster recovery services.
- Oversaw the debris recovery and management of 15 projects because of Hurricane Irma and 19 projects from Hurricane Matthew.
- Provided the most economical and environmentally safe ways to manage debris to the complete satisfaction of the entity to which SDR is contracted.

CONTACT

3 864-561-7797

109 White Oak Rd. Greenville, SC 29609

⊠ <u>al@gosdr.com</u>

CERTIFICATIONS

Over 40 FEMA Certifications Mr. McClaran is thoroughly knowledgeable of all aspects of FEMA criteria for debris recovery operations.



EDUCATION

Bob Jones University, Greenville, SC Master of Arts, 1983 Bob Jones University, Greenville, SC Bachelor of Arts, 1980

WORK EXPERIENCE

Southern Disaster Recovery, LLC

CEO & Member, 2012 - Present

- Responsible for the day-to-day operations of Southern Disaster Recovery.
- Works closely with Emergency Management and other government agencies both before and after disaster events
- Manages up to 100 debris hauling and cutting subcontractors during disaster events.
- Helps with readiness planning and preparation. This includes working on debris management plans and training government personnel in debris recovery operations.
- Coordinates all aspects of the recovery and the documentation process to assure that the applicant receives the funding to which it is entitled.

Disaster Events Worked:

- 2021 Winter Storm Uri 4 Counties in KY
- 2021 Tornado in GA City of Newnan, GA
- 2020 Hurricane Zeta in NC
- 2020 Hurricane Isaias 6 Contractors in NC
- 2019 Hurricane Dorian 8 Contractors in NC
- 2018 Hurricane Florence Various Counties and Cities in NC and NCDOT & SCDOT.
- 2017 Hurricane Irma 15 contracts in Florida and Georgia
 - 2016 Hurricane Matthew 19 contracts in NC, SC and GA
- 2015 Butte Wildfires San Andreas, California.
- 2015 Flooding Event South Carolina Department of Transportation.
- 2014 Winter Storm Pax South Carolina Counties: Aiken,
- Barnwell, Allendale, Williamsburg.

DTS - Greer, SC

Senior Project Manager, 2009 - 2012

- Oversaw debris removal operations
- Worked closely with Emergency Management and other government agencies both before and after disaster events

Disaster Events Worked:

- 2012 Hurricane Isaac –St. John the Baptist Parish, Louisiana
- 2011 Winter Storm Alfred Connecticut: Fifteen Townships of Western Connecticut
- 2011 Hurricane Irene North Carolina Counties: Edgecombe, Wayne, and Halifax
- 2011 Tornado Rabun County, Georgia



Robert "Chip" Patterson Vice President of Operations

PROFILE

- Has 30+ years of experience in Disaster Management.
- Implementing strategies and operations for disaster recovery services.
- 1st Disaster; 1989- Hurricane Hugo (Ops Technician)
- 1st FL Disaster; 1992-Hurricane Andrew (FEMA ESF 5 Ops Specialist)
- Served in a mayoral appointed position for 10 years as the City of Jacksonville, Florida's Director for Emergency Management.
- State of Florida EOC Director.
- Chief of Operations for the North Carolina Division of Emergency Management.
- Service as a Radiological Emergency Preparedness Planner in North Carolina and 6 years in the United States Navy nuclear propulsion program.

CONTACT

PHONE: 904-334-9690 ADDRESS: 109 White Oak Rd. Greenville, SC 29609 EMAIL: chip@gosdr.com



University of the State of New York

Bachelor of Science in Sociology, 1989

Jacksonville University

Master's in Business Administration, 2002

Associations

Adjunct Instructor, University of NC/College of Public Health, 2000-Present Adjunct Instructor, Flagler College/Public Administration 2006 - 2017 US Navy Postgraduate School, Center for Homeland Security and Defense Mobile Executive Seminars 2006 - 2021

Florida Emergency Preparedness Association

Florida's Emergency Manager of the Year, 2005

Board Member, Greater Jacksonville Agricultural Fair, 2010-2020 National Hurricane Conference, Response Committee 2006-Present

WORK EXPERIENCE

Southern Disaster Recovery, LLC / VP of Operations

February 2018 – Present

Responsible for fulfilling all contractual requirements in disaster response and recovery consistent with FEMA Public Assistance Program and Policy Guide and associated policy documents.

J. B. Coxwell Contracting, Inc / Director of Disaster Services

July 2006 to February 2018

Emergency management and homeland security business development and service delivery for a 300-person civil construction firm providing services in all phases of emergency management. Public Assistance activities included debris clearance and removal in eighteen (18) jurisdictions.

City of Jacksonville Emergency Preparedness Division Chief Duval County Emergency Preparedness Director

January 1996 to July 2006

Responsible for a comprehensive emergency management program that included plans and procedures development; public education; disaster response and recovery management; facilities management; program development and marketing; personnel development; press availabilities; and, interacting with elected officials in a jurisdiction of 840 square miles with a population of over 800,000. Incident Management Team Lead in Harrison County, MS for Hurricane Katrina; IMT Lead in Lee County, FL in Hurricane Wilma. Oversight of disaster recovery programs for ten Presidential declared disasters; Managed disaster response and administered FEMA Public Assistance and Hazard Mitigation programs.

Florida Division of Emergency Management Response Services Administrator

June 1993 to December 1995

Managed State of Florida delivery of disaster resources (equipment, personnel and programs). Non-disaster related activities included development and maintenance of the State's Comprehensive Emergency Management Plan, Radiological Emergency Preparedness Program and management of seven field offices. Disaster-related opportunities included managing the State Emergency Operations Center. Oversight during six Presidential declared disasters.

North Carolina Division of Emergency Management / Chief of Operations March 1989 to June 1993

Managed State of North Carolina disaster resources delivery. Managed the 24/7 State Warning Point. Planner for Radiological Emergency Preparedness.



John (Sonny) Sims Operations Manager

PROFILE

- An experienced Disaster Debris Removal Project Manager who brings forth valuable experience in the industry with exceptional safety and client satisfaction.
- An ISA certified Arborist
- Has completed over 89 disaster debris removal projects over 30 years.
- Adept at managing multiple priorities; integrating various interests into a successful project for all
- Ornamental Horticulture Degree, 1992

CONTACT

PHONE: 864-901-0283

ADDRESS:

308 Edens Ridge Dr. Six Mile, SC 29682

EMAIL: sonny@gosdr.com



Certifications

- IS- 00632.a Introduction to Debris Operations
- IS-00633 Debris Management Plan Development
- IS-00100.PWc Introduction to Incident Command System,
- ICS-200; Basic Incident Command System
- IS-00253.a Overview of FEMA Environmental and Historic Preservation Review Responsibilities
- HAZWOPER 40 HR
- ISA Board Certified Arborist
- Landfills and Land Application Sites 2020
- AT-TC3TS010-15-T1 Maintenance of Traffic for Supervisors

WORK EXPERIENCE

Southern Disaster Recovery, LLC

Operations Manager, 2014 - Present

- Successfully led all daily operational aspects.
- Managed and evaluated workflow and productivity, making changes where necessary.
- Developed and implemented performance standards and procedural changes to drive productivity and quality.

Disaster Events Worked:

- 2021 Hurricane Ida Plaquemines Parish, LA
- 2020 SC Tornado- Hampton Co, SC
- 2020 SC Tornado-SCDOT Barnwell Co, SC
- 2020 SC Tornado-SCDOT Oconee Co, SC
- 2020 Spartanburg Tornado- Spartanburg, SC
- 2009 Ice Storm Dunklin County, Missouri
- 2018 Hurricane Florence- New Bern, NC
- 2017 Hurricane Irma- City of Miami & City of Deltona, Florida
- 2016 Hurricane Matthew- Marion County & Lumberton Co, NC
- 2014 Ice Storm Barnwell County, SCDOT, South Carolina

Previous Experience

- 2008 Hurricane Ike- Liberty Co, San Jacinto, and Huntsville, TX
- 2005 Hurricane Wilma- Coral Gables, Lauderdale by the Sea, City of Miami, University of Miami, Miramar, and Margate, FL
- 2005 Hurricane Rita- Islamorada, Florida
- 2005 LDOT Boregard, Allan, Jefferson Davis Parish, Louisiana
- 2005 Hurricane Katrina- Coral Gables, City of Miami, University of Miami, Islamorada,
- Marathon and Dade County, Florida
- 2005 Hurricane Katrina- Gulf Breeze, Escambia Co, Florida, Mobile Alabama
- 2004 Hurricane Francis and Charlie- Winter Park, Winter Springs, and Marion County, Florida
- 2003 Hurricane Isabel- Richmond, Chesterfield Co, and Henrico County, Virginia
- 2002 Ice Storm Raleigh, North Carolina



Alvie McClaran III, P.E. Vice President of Civil Division

PROFILE

- Has 10+ years of experience in civil engineering design and project management.
- Registered Professional Engineer
- Experience with various government entities including EPA, FEMA, USACE, and DOT.

CONTACT

- 3 864-469-9776
- 109 White Oak Rd. Greenville, SC 29609
- alvie@gosdr.com



EDUCATION

Clemson University, Clemson, SC Bachelor of Science in Civil Engineering, 2011

WORK EXPERIENCE

Southern Disaster Recovery, LLC / VP of Civil Division

June 2021 – Present

Lead and action officer for business development, marshalling technical capability and conduct of projects associated with civil engineering projects.

Fluor Corporation – Greenville, SC Design/Lead Engineer, 2017 - 2021

Managed the civil team and was the civil Engineer of Record in the design and preparation of plan sheets for the mass and fine grading, stormwater management, truck routing, underground utilities, and temporary construction facilities layout for the Rhyolite Ridge mine process plant. This encompassed approximately 160 acres and over 1 million cubic yards of earth work.

Managed the civil team in the design and preparation of plan sheets for new rail, grading, stormwater and underground utilities for the US Steel Edgar Thompson Steel Works site. Responsible for the preparation of an NPDES Stormwater Pollution Prevention Plan. This involved bringing the entire 100+ year-old site into compliance with new environmental requirements by separating the existing combined storm water and process waste systems into separate systems for treatment before releasing into the Monongahela River.

Assisted in design, model development and preparation of plan sheets for grading, stormwater and underground utilities for the addition of a new carbon fiber manufacturing line at the existing site in Decatur, Alabama.

Designed site layouts, grading, paving, stormwater management systems and underground utilities for private and government clients ranging from pharmaceutical manufacturing plants to military facilities.

Land Planning Associates, Inc. – Easley, SC Staff Engineer, 2011 - 2017

Responsible for site plan layouts, water supply design and flow calculations, coordination and permitting with federal, state, and local authorities, project management, and representation of firm before clients and government officials.



Brett Huet Safety Manager

PROFILE

- Has decades of skill in safety management, regulations, hazardous conditions.
- Developing and maintaining the written Safety Plan
- Strong managerial and communication skills enable to operate and provide oversight on safety Performance successfully.

SKILLS HIGHLIGHTS

- Specialized in hazard tree removal.
- Conducts and coordinates within operations team worker training in safety regulations, hazardous conditions.
- Experience with incident investigations and analyses.
- Safety training events, CPR/First Aid instruction, defensive driving instruction, and other safety-related training

EDUCATION

CTSP, ISA Board Certified Master Arborist, TRAQ, NCCER Certified Crane Operator • Activity • Experience • Licenses & Certifications.

WORK EXPERIENCE

Southern Disaster Recovery, LLC / Safety Manager Oct 2018 to Present

- Conducts on-site field visits with SDR field workers and safety team
- Conducts and coordinates within operations team worker training in safety regulations, hazardous conditions, and company policies.
- Monitors the safe operations of vegetation management practices, company vehicles, and equipment
- Assists with safety training events, CPR/First Aid instruction, defensive driving instruction, and other safety-related training
- Assists with incident investigations and analyses & leadership teams with training initiatives
- Responsible for managing SDR safety team and equipment ordering
- Assists in authoring written weekly and monthly safety documents BKW Inc. – Pensacola, FL / Safety Supervisor; Tree Specialist February 2016 – October 2018
- Trained/supervised climbing and felling crews for PG&E FEMA/CEMA Tree Mortality contract.
- Ensured employees adhered to ANZI Z133 and OSHA 1910, and Managed hiring and training of project personnel.
- Conducted daily safety meetings and training presentations
 T2 Storm Angels Camp, CA / Lead Arborist; Recruiter
 August 2015- December 2015
- Coordinated crews in appropriate spans to match skill sets.
- Trained all sawmen and climbers in safe work practices.
- Acted as the lead sawman in removing hazard trees left by other contracted felling crews.

Parks & Recreation Department – Carlsbad, CA / Inspector July 2014 – July 2015

- Performed contract administration, inspection, and scheduling of tree care contractors; Supervised all tree trimming and hazard tree removal operations.
- Used ArcGIS software, GPS and asset management software to collect and maintain information on species type, tree size, health, location, and maintenance records for public trees.

Nature's Images Inc.- Lake Forest, CA/Crew Chief; Strategic Development November 2013 – June 2014

- Managed crews on habitat restoration and forestry projects.
- Supervised all tree removal projects; Maintained communications with project Inspectors and Superintendents.
- Ensured crews performed tasks safely and with the required PPE.
- Ensured work was completed as per the project's specifications.
 H&S Forestry Ridgway, CO / Operations Manager 5/2005 11/2011
- Specialized in hazard tree removal and Lead sawman & climber
- Conducted site analysis and project layout for fire mitigation projects
- Established short- and long-term forestry management goals United States Forest Service / Bureau of Land Management Montrose Interagency Fire Unit-Montrose, CO/Fire Fighter, Fuels Technician 5/2001 - 11/2006
- Performed duties as a fire fighter and fuels technician
- Oversaw crew safety during wildfire suppression operations

CONTACT

③ 619-213-4431

19386 SW Laurelhurst Way Bend, OR 977022

brett@gosdr.com



Chris Johnson Project Manager

PROFILE

- Has decades of skill development and practical experience in public service vocations, including disaster response and recovery project management, and storm debris management.
- Strong managerial and communication skills enable to successfully operate and provide oversight on FEMA Public Assistance Programs initiated by a declared emergency.

CONTACT

PHONE: 770-547-0951

ADDRESS:

2448 US Highway 411 Fairmount, GA 30139

EMAIL:

chris@gosdr.com

CERTIFICATIONS

Over 20+ FEMA Certifications

- Peace Officers Standards and Training/State of Georgia, POST Council, 1986 – Present
- Professional Nuisance Animal Trapper, GA DNR, 1997- Present
- Landfill Manager/Georgia Solid Waste Association, July 1998 – Present
- Soil and Erosion, Level 1-B Certified Inspector / Georgia Soil and Water Conservation Commission, June 2009-Present



Kennesaw State University

Public and Social Services, 1992 Reinhardt University

A.S., Criminal Justice. 1987

Community Service

Gordon County Board of Education, 2008-Present

Chairman Gordon County Board of Education, 2016-Present Gordon County Chamber of Commerce, Drugs Don't Work Committee Calhoun Gordon County Fellowship of Christian Athletes, Charter Board Member

Gordon County Emergency Management Agency, Volunteer Coordinator, Incident Command Safety Officer

Gordon County College and Career Academy, Board Member

WORK EXPERIENCE

Southern Disaster Recovery, LLC

Project Manager, February 2018 – Present

Responsible for fulfilling all contractual requirements in disaster response and recovery consistent with FEMA Public Assistance Program and Policy Guide and associated policy documents.

Self-Employed - BBRAC Farms, LLC - Fairmount, GA

Project Manager, February 2017 – Present

FEMA, NRCS, USDA, EPD, Corp of Engineers & Georgia DNR; Farm Manager (cattle, hay); Storm Debris Management; and Disaster Response and Recovery.2017 Hurricane Irma – 15 contracts in Florida and Georgia.

Self-Employed - Enviro-friendly Outdoors - Fairmount, GA

Various Roles, 1997 - present

Environmental Manager; Erosion Control Inspector, Erosion Control Installation; Heavy Equipment Operator; Nuisance Animal Trapper. Current instructor for the University of Georgia, Georgia Landfill Operators Training Program.

Santek/Waste Services - Cleveland, TN

Safety Manager/Multi-Site Manager, June 2005 – January 2015

Managed operations of Murray and Gordon County, Georgia, Solid Waste Disposal Facilities. Worked closely with elected officials and local, state, and federal regulatory agencies; Managed the safety program, ensuring staff training and compliance with safety policies and compliance of OSHA regulations. Conducted safety audits and inspections of company facilities throughout the U.S. Chaired monthly safety meetings and reviewed monthly incident reports.

Fairmount Police Department – Fairmount, GA

Police Chief, April 2002 – June 2005

Chief of all law enforcement activities conducted within the city limits of Fairmount. Supervised three full-time officers, one administrative assistant, and four part-time officers.

Gordon County Board of Commissioners - Gordon County, GA

Director of Environmental Services and Compliance, 1998 – 2002 Director over the following departments: landfill; recycle center; six convenience waste disposal sites; litter control and compliance; soil and erosion (issued land disturbing permits and enforced compliance);



Jordan McClaran Controller

PROFILE

- Attentive to detail and committed to accuracy, ensuring SDR clients are served with integrity and efficiency.
- Oversees an office staff who supplement his skills, further extending the overall precision with which disaster response and recovery project records are maintained.
- The administrative operations of SDR often receive high praise from the clients served, stating records are correct, often requiring little review or oversight.

CONTACT

PHONE: 864-469-9776

ADDRESS:

109 White Oak Rd. Greenville, SC 29609

EMAIL: jordan@gosdr.com

CERTIFICATIONS

Certified Public Accountant State of SC



Clemson University, Clemson, SC Master of Professional Accountancy, August 2013

Bob Jones University, Greenville, SC *B.S., Accounting, May* 2012

WORK EXPERIENCE

Southern Disaster Recovery, LLC

Controller, 2014 – Present

- Review and reconcile company accounts with annual revenues of \$50 million.
- Communicate with clients and coordinate FEMA documentation on projects exceeding \$20M.
- Manage accounts payable and provide weekly progress payment reports to subcontractors ensuring on-time progress payments.
- Oversee and facilitate SDR's procurement and contracting process.

Cherry Bekaert, LLP - Greenville, SC

Audit Staff, 2013 - 2014

- Participated in all aspects of audits and reviews for both public and private companies ranging from \$200K to \$750M in revenues.
- Served clients in manufacturing, distribution, banking, real estate, not-for-profit, and governmental industries.
- Managed communication with clients to determine timing of procedures as well as to ensure audit procedures would be completed based on planned timing.
- Performed walkthroughs of companies' internal control processes to identify areas of risk.
- Recommended internal control processes to mitigate identified risks.
- Researched accounting guidance on complex accounting issues
- Performed work in high-risk audit areas including revenues, inventory, and accrued liabilities.
- Drafted financial statements and communicated with managers and clients regarding financial statement edits.

Cherry Bekaert, LLP - Greenville, SC

Audit Intern, 2012

- Aided in the audits of clients in multiple industries including banking, government, and not-for-profit.
- Performed audit procedures for: Cash, PP&E, Accounts Payable, Accrued Expenses, and Single Audit
- Assisted in tax return preparation.



TRAINING AND CERTIFICATIONS HELD BY MANAGEMENT TEAM

Summary	
Professional Engineer –	Alvie McClaran, Tim Berkhimer
ISA Certified Arborist –	Sonny Sims, Brett Huett
ISA Municipal Specialist, ISA Tree Risk A	ssessment Qualification, TCIA Certified Tree
care Safety Professional –	Brett Huett
Certified Emergency Manager –	Randy Thompson, Roger Dail, Ron Campbell
Licensed Landfill Operator (GA) –	Chris Johnson
NPDES Certifications –	Sonny Sims, Chris Johnson, Chip Patterson
MOT for Supervisors (ASHTO) –	Chip Patterson, Sonny Sims, Chris Johnson, Randy
	Thompson
USACE Contractor Quality Control –	Chip Patterson
Certified Public Accountant –	Jordan McClaran

Al McClaran (CEO)

IS-1	Emergency Manager: An Orientation to the Position
IS-5.a	An Introduction to Hazardous Materials
IS-7	A Citizen's Guide to Disaster Assistance
IS-10.a	Animals in Disaster: Awareness and Preparedness
IS-15.b	Special Events Contingency Planning for Public Safety Agencies
IS-22	Are You Ready? An In-depth Guide to Citizen Preparedness
IS-26	Guide to Points of Distribution
IS-33.12	FEMA Initial Ethics Orientation
IS-35.12	FEMA Safety Orientation
IS-55	Household hazardous Materials-A Guide for Citizens
IS-100.a	Introduction to Incident Command
IS-100.Pwb	Introduction to the Incident Command System for Public Works
IS-208.a	State Disaster Management
IS-230.a	Fundamentals of Emergency Management
IS-235.b	Emergency Planning
IS-240	Leadership and Influence
IS-241.a	Decision Making and Problem Solving
IS-242.a	Effective Communication
IS-253	Coordinating Environmental and Historic Preservation Compliance
IS-271	Anticipating Hazardous Weather and Community Risk
IS-293	Mission Assignment
IS-324	Community Hurricane Preparedness
IS-340	Hazardous Materials Prevention
IS-403	Introduction to Individual Assistance
IS-630	Introduction to the Public Assistance Process
IS-632	Introduction to Debris Operations
IS-634	Introduction to FEMA's Public Assistance
IS-650.a	Building Partnerships with Tribal Governments
IS-700.a	National Incident Management System (NIMS), An Introduction
IS-800.b	National Response Framework, An Introduction
IS-801	Emergency Support Functions (ESF) #1- Transportation
IS-802	ESF #2 – Communications
IS-803	ESF #3 – Public Works and Engineering
10.004	



TRAINING AND CERTIFICATIONS HELD BY MANAGEMENT TEAM

- IS-805 ESF #5 Emergency Management
- IS-806 ESF #6 Mass Care, Emergency Assistance, Housing, and Human Services
- IS-807 ESF #7 Logistics Management and Resource Support Annex
- IS-808 ESF #8 Public Health and Medical Services
- IS-809 ESF #9 Search and Rescue
- IS-810 ESF #10 Oil and Hazardous Materials Response Annex
- IS-811 ESF #11 Agriculture and Natural Resources Annex
- IS-812 ESF #12 Energy
- IS-813 ESF #13 Public Safety and Security Annex
- IS-814 ESF #14 Long Term Community Recovery
- IS-820 Introduction to NRF Support Annexes
- EM16 Debris Management (G202 12.0 Credit Hours)

Randy Thompson (Government Affairs)

NC-1002.2	NCEMA Spring Conference
IS-00394.A	Protecting Your Home or Small Business from Disaster
IS-00453	Introduction to Homeland Security Planning
IS-00230.c	Fundamentals of Emergency Management
G-146	HSEEP - Homeland Security Exercise and Evaluation Program
IS-00548	Continuity of Operations (COOP) Manager
IS-00026	Guide to Points of Distribution
G-386	Mass Fatalities Incident Response
G191	ICS/EOC Interface
G-271	Hazardous Weather and Flooding Preparedness
G-400	ICS-400 - Advanced Incident Command System Command and General Staff -
	Complex Incidents
G-300	ICS-300 - Intermediate Incident Command System for Expanding Incidents
NC771	Brunswick WMD Training Exc
NC815.1	Incident Command System 200 TTT
NC714	WMD Radiological/Nuclear Awareness TTT
NC290	Basic Public Information Officers (PIO)
NC-999.3	Damage Assessment
G-288	Local Volunteer and Donations Management
NC654	Capstone Seminar
G280	Public Policy in Emergency Mgmt
G244	Developing Volunteer Resources
G652	Managing the Search Operation
G241.1	Basic Skills/Decision Making & Problem
G240.1	Basic Skills/Leadership & Influence
G-385	Disaster Response and Recovery Operations
G320	Fundamental Course for Radiological Monitor
G330	Refresher Course for Radiological Monitors
NC-601	Public Officials Conference (POC)
G326	Fundamental Course for Rad Response Teams
G305.7	Overview of the Incident Command System
NC-601	Public Officials Conference (POC)
G326	Fundamental Course for Rad Response Teams
G652	Managing the Search Operation
G-130	Exercise Evaluation
G120	Exercise Design Course
G242	Basic Skills/Effective Communications



TRAINING AND CERTIFICATIONS HELD BY MANAGEMENT TEAM

G243	Basic Skills/Creative Financing
NC-999.3a	Damage Assessment
G230	Introduction to Emergency Mgmt
G-386	Mass Fatalities Incident Response
G346	Hospital Emergency Dept Mgmt of Rad Accident
G652	Managing the Search Operation
G235	Emergency Planning Course
G305.8	Hazmat Workshop for EMS Providers
G605	Family Preparedness
G651	Managing Emergency Operations
G650	New Coord/sec Workshop
G340	Radiological Monitor Instructor Course
G323	Fundamental Crs for Radiological Officer
G801	Hazmat 1st Responder
ASHTO	Maintenance of Traffic for Supervisors

Chip Patterson (Vice President of Operations)

Certified Emergency Manager (CEM) 2012-2017 **USACE** Contractor Quality Control **OSHA 30-hour Safetv OSHA HAZWOPER** ASHTO - Maintenance of Traffic for Supervisors ICS - 100, 200, 300, 400 G-449 (FL) - ICS Curricula TtT NIMS/ICS Instructor Florida Professional Emergency Management (2001-2006) IS 700.a - National Incident Management System (NIMS), An Introduction IS630 - Introduction to the Public Assistance Process IS631 - Public Assistance I & II IS632 - Debris Operations in FEMA's PA Program FEMA Instructor – Emergency Operations Center FEMA Exercise Design Control Evaluate Certified FEMA Integrated Emergency Management Course Navy Postgraduate School Center for Homeland Defense and Security Mobile Executive Training SME 2006-2021 University of North Carolina, Gilling's School of Public Health, Emergency Preparedness Certificate, Adjunct Instructor 2006-present Flagler College, Public Administration Program, Adjunct Professor, (Emergency Management; Fiscal Administration; Intergovernmental Relations) 2012-2017 North Carolina SERT Emergency Operations Chief; 1990-1993 Florida SERT Comprehensive Emergency Management Plan (CEMP) Administrator; 1993-1995 Florida SERT Emergency Operations Chief; 1993-1995 Florida SERT Hurricane Katrina Incident Management Team Lead (Harrison County, MS) Florida SERT Hurricane Wilma Incident Management Team Lead (Lee County, FL) Florida County (Duval) Emergency Management Director; 1996-2006 Florida's Emergency Manager of the Year - 2005 Florida Governor's Hurricane Conference 2018; Lead Trainer; "Evaluating Debris Management and Monitoring RFPs" National Hurricane Conference; Response Planning Subcommittee; 2008-present. US Army Emergency Operations Center Training Development Team; 2014-2016 US Army Emergency Operations Center Training Cadre; 2014-2019 Emergency Management Accreditation Program (EMAP); Standards Subcommittee; 2015-2018



Timothy R Berkhimer (Senior Project Manager)

- IS-35.21 FEMA Safety Orientation 2021
- IS-00037.21 Managerial Safety and Health
- IS-632 Introduction to Debris Operations
- IS 00633 Debris Management Plan Development
- IS 01000 Public Assistance Program and Eligibility
- IS 00100.c Introduction to Incident Command System, ICS-100
- IS 01001 The Public Assistance Delivery Model Orientation
- IS 01009 Conditions of the Public Assistance Grant
- IS-00100.c Introduction to Incident Command System, ICS-100

Professional Engineer License - Timothy Berkhimer

Brett Huet (Safety Manager)

ISA Board Certified Master Arborist

ISA Certified Utility Specialist

ISA Municipal Specialist

ISA Tree Risk Assessment Qualification

California Qualified Applicator License

TCIA Certified Tree care Safety Professional

TCIA Aerial Rescue Instructor

TCIA Chainsaw Specialist Instructor

TCIA Tree Climber Specialist Instructor

TCIA Crew Leader Instructor

NATS Chainsaw Operator Technician

NATS Train the Trainer

Qualified Line Clearance Arborist

- S-131 Advanced Firefighter
- S-211 Portable Pumps and Water Use
- S-212 Power Saws
- S-215 Fire Operations in the Urban Interface
- S-216 Incident Business Management
- S-230A Single Resource Boss
- S-231 Engine Boss
- S-260B Incident Business Management
- S-390 Fire Behavior Calculations
- IS-00700 National Incident Management System: FEMA

CPR/1st Aid Instructor

OSHA Outreach Approved Instructor

John (Sonny) Sims (Senior Project Manager)

ISA Board Certified Master Arborist

IS -- 00632.a Introduction to Debris Operations

IS – 00633 Debris Management Plan Development

IS – 00100.PWc Introduction to Incident Command System, ICS-100

IS – 00253.a Overview of FEMA Environmental and Historic Preservation Review Responsibilities

Landfills and Land Application Sites 2020

HAZWOPER 40 HR

AT-TC3TS010-15-T1 - Maintenance of Traffic for Supervisors



Demetris Pressley (Client Service Director)

Advanced Certified Stormwater Inspector Diversity: Inclusion in the Modern Workplace Certificate of Completion Certified the American Public Works Institute Disaster Management for water and Wastewater Utilities Stormwater Operator - Level 2 ICS IAP workshop (4) hours Construction of Quality Treatments for Preventive Maintenance for FL DOT Professional Member of ASCE

Roger Dail (Project Manager)

IS-35.22	FEMA Safety Orientation 2022				
ICS 300	Incident Command System				
ICS 400	Advanced Incident Command System				
ICS 402	Incident Command System for Executives / Senior officials				
IS - 700	NIMS				
IS – 01009	Conditions of the Public Assistance Grant				
IS – 00632.a	Introduction to Debris Operations				
IS – 00633	Debris Management Plan Development				
IS – 01000	Public Assistance Program and Eligibility				
IS – 01001	The Public Assistance Delivery Model Orientation				
Hazardous Waste Site workers - 40 hours					
Hazardous Materials Incidents - 40 hours					
Chemistry of Hazardous Materials					

Christopher Johnson (Project Manager)

IS-000.35.20	FEMA Safety Orientation 2020
IS-00632.a	Introduction to Debris Operations
IS-00633	Debris Management Plan Development
IS-00037.20	Managerial Safety and Health

Jordan McClaran (Controller)

Debris Management Planning for State, Tribal and Local OfficialsIS-00632.aIntroduction to Debris OperationsIS-00001.aEmergency Manager: An Orientation to the Position

Beibei Staton (Administrative Staff)

IS-00632.a	Introduction to Debris Operations
IS-00634	Introduction to FEMA's Public Assistance Program
IS-910	Emergency Management Preparedness Fundamentals
IS-253	Coordinating Environmental and Historic Preservation Compliance









State Of North Carolina Department of Crime Control & Public Safety	
This certifies that	

	ROBERT C. PATTERSON	A STATE 2
	has attended	and a state of the
	INCIDENT COMMAND SYSTEM (AWARENESS LE n the day of SEPTEMBER, 199	VEL)
Joseph W. Joseph W. Secretary of Crime Co	V. Dean ntrel & Public Safety Director of	7. Myers (Emergency Management









FEMA

This Certificate of Achievement is to acknowledge that

ROBERT M. PATTERSON, JR.

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

> IS-00700 National Incident Management System (NIMS) an Introduction

> > Issued this 19th Day of July, 2005

0.3 CEU

Stephen G. Sharro Director, Training Division

NATIONAL EMERGENCY TRAINING CENTER EMERGENCY MANAGEMENT INSTITUTE Certificate of Achievement This Certificate of Achievement is to acknowledge that ROBERT M. PATTERSON JR. Has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of: INCIDENT COMMAND SYSTEM/ EMERGENCY OPERATING CENTER (ICS/EOC) TRAIN-THE-TRAINER MAY 20, 1994 Superintendent cy Management Institut Deputy Superintendent Emergency R. Con 16-30, NOV 93



















Emergency Management Institute



This Certificate of Achievement is to acknowledge that

JOHN M SIMS JR.

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

> IS-00100.c Introduction to Incident Command System, ICS-100 my Issued this 2nd Day of January, 2020

> > **IA**CET

0.2 JACET CEU



Deputy Superintendent Emergency Management Institute Federal Emergency Management Agency

0.4 JACET CEU

Emergency Management Institute



This Certificate of Achievement is to acknowledge that

JOHN M SIMS JR.

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

> IS-00253.a **Overview of FEMA Environmental and Historic**

Preservation Review Responsibilities

Issued this 2nd Day of January, 2020



Michael J. Sharon Deputy Superintendent Emergency Management Institute Federal Emergency Management Agency

Emergency Management Institute



This Certificate of Achievement is to acknowledge that

JOHN M SIMS JR.

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

> IS-00632.a **Introduction to Debris Operations**



Issued this 23rd Day of December, 2019 IACET

0.2 IACET CEU

Michael J. Sharor Deputy Superintendent Emergency Management Institute Federal Emergency Management Agency 0.6 IACET CEU

Emergency Management Institute





This Certificate of Achievement is to acknowledge that

JOHN M SIMS JR.

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

> IS-00633 **Debris Management Plan Development**

> > Issued this 23rd Day of December, 2019 **IACET**



Deputy Superintendent Emergency Management Institute Federal Emergency Management Agency



SUBCONTRACTOR PROTOCOL MBE | WBE | DBE | Local Participation

Southern Disaster Recovery (SDR) is committed to the localities we serve and pledge to further assist in their recovery by offering subcontracting opportunities to local contractors. To ensure we have the labor resources needed, we will reach out to other subcontractors who have previously worked for us if local resources are inadequate. Depending on the size of the project SDR may subcontract up to sixty percent of the debris operations.

Our highest priority is to provide the necessary resources for your entity's full physical and economic recovery.

SDR will enlist the services of subcontractors that have been carefully vetted. SDR subcontractors:

- ✓ Meet federal and contract standards of safety
- ✓ Are experience and highly skilled
- ✓ Have all necessary liability and workers compensation insurances
- ✓ Adhere to our strict safety and drug-free work zone policies

<u>SDR contractors are our responsibility. All management, bonding, funding, safety compliance, and</u> <u>documentation of subcontractors are handled by SDR's administrative staff.</u> We utilize a comprehensive subcontractor agreement, which must be signed and on file in our office before any subcontractor begins operations on a debris removal project. That mutual agreement subordinates the subcontractor to the entity's contract with SDR.

MBE | WBE | DBE | Local Participation

While we have a large fleet of debris removal equipment, we strive to use local, minority businesses, women's business enterprises, and labor surplus area firms are used when possible whenever possible. Upon award of a disaster debris removal contract, SDR will advertise locally announcing the opportunity for area contractors to join our efforts as a viable subcontractor. Respondents then begin SDR's vetting and training process.

SDR takes all necessary affirmative steps to assure that minority businesses, women's business enterprises, and labor surplus area firms are used when possible.

- 1) Placing qualified small and minority businesses and women's business enterprises on solicitation lists.
- 2) Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources.
- 3) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises.
- 4) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises.



- 5) Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce; and
- 6) Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed in paragraphs (1) through (5) of this section.

The involvement of the entire community is crucial to the full economic and social recovery from a disaster situation. To the that end, we encourage all subcontractors in our employ to patronize and support other local businesses to further strengthen and revitalize the area throughout recovery operations.

Your satisfaction with SDR depends largely upon our subcontractors' performance. To ensure efficient and seamless operations, SDR provides:

- ✓ Quality control
- ✓ Teaming efforts with the monitoring firm
- ✓ Clear and frequent communication to ensure satisfactory outcomes



Subcontractor List

	Company Name:	LCS Restoration Services, LLC	
	Address:	3817 Ryan Ct. Theodore, AL 36582	
1	Contract person / Phone / Email:	Brad Dawkins / 251-454-3306 /	
1	FEIN & (S/M/WMB):	26-3393231 / SD+V	
	Established / Years's Experience	15	
	Type of work:	Cutting and Hauling Vegetative Debris	
	Company Name:	Greenworks Recycling	
	Address:	7 Beverly Rd., Greenville, SC 29609	
2	Contract person / Phone / Email:	Andrea Waldon / 864-268-6103	
2	FEIN & (S/M/WMB):	56-2162973	
	Established / Years's Experience	2008 / 17 years	
	Type of work:	Cutting & Debris Hauling	
	Company Name:	Pride Contracting, Inc	
	Address:	12603 Camp Charles Rd. Bailey, NC 27807	
2	Contract person / Phone / Email:	Jamey Byrd / 252-245-0936 / jamey@prideinc.net	
5	FEIN & (S/M/WMB):	46-3191475 W/S/DBE	
	Established / Years's Experience	18 years	
	Type of work:	Loading & Hauling	

Past Project References					
Project	Date	Total CY/ Tons	Total Dollar Amount	Contact	Brief of Descripition
2021 Tropical Storm Fred/			NLFLN	Name: Kris Boyd	
Flash Flooding; ROW and	08/27/2021			Title: Deputy County Manager	FEMA PA Funded ROW
Emergency Waterway Debris	to	78,540	\$1.8 million	Phone: 828.507.9081	& Emerg. Waterway
Removal	present			Email: kris.boyd@haywoodcountync.gov	Debris Removal
Haywood Co. NC				Address: 285 N. Main Street, Waynesville, NC 28786	
			REFER	ÉNCE	
2021 Tropical Storm Fred/	09/12/2021			Title: Solid Waste Director	FEMA PA Funded
Flash Flooding; Emergency	to	5 095	\$221 454 00	Dhono: 828 250 5460	Emerg. Waterway
Waterway Debris Removal	11/15/2021	5,055	9231,434.00	Email: dane nederson@buncombecounty.org	Debris Removal
Buncombe Co. NC	11/13/2021			Address: 281 Panther Branch Road Alexander NC 2870	1
			REFER	ENCE	-
				Name: Scott Krein	
2021 Creek / Stream Debris	4/22/2021	62.000		Inte: Emergency Management Director	Creek/Stream Debris
Oconee Co. SC	to	62,000	\$1,575,300.00	Phone: 864-638-4200	Removal
	6/19/2021			Addross: 200 South Church Street Wolhalla, SC 20601	
			REFER	ENCE	•
				Name: Mike Malone	Debris Collection /
2021 Winter Storm Uri	3/4/2021			Title: Judge/Executive	Removal
Carter Co. KY	to	135,000	\$4,272,400.00	Phone: 606-474-5366	Debris Management
	8/17/2021			Email: cartercountyky@gmail.com	FEIVIA Reimbursement
			REFER	Address: 300 W Main St STE 227, Grayson, KY 41143	
				Name: Ray Norton	Woody/VEG; C&D HHW
2021 Georgia Tornadoes	3/29/2021			Title: Public Works Director	White Goods Debris Removal Dangerous
City of Newnan GA	to	388,000	\$5,481,300.00	Phone: 404-606-9140	Leaners/Hangers/Stumps
city of Newhall, GA	8/6/2021			Email: morton@cityofnewnan.org	TDMS Operations
			REFER	Address: 25 Lagrange St. Newnan, GA 30263	
			KEIEK	Name: David Cook	Debris Collection /
2020 SC TORNADO	4/21/2020			Title: SCDOT Maintenance Director	Removal
Oconee Co. SC	to	491,504	\$2,748,000.00	Phone: 803-315-8568	Debris Management
	6/20/ 2020			Email: cookdb@scdot.org	FEMA Reimbursement
				Address: 955 Park St. Columbia, SC 29202	
			KEFEK	Name: David Murphy	
2020 Hurricane Zeta	Nov 2020			Title: EM Director	Vegetative and C&D
White, GA	to	6,200	\$107,500.00	Phone: 706-864-9500	Debris Removal
· ·	Dec 2020			Email: dmurphy@whitecounty.net	
				Address: 1241 Helen Hwy Ste 100, Cleveland, GA 30528	
			DECED	ENCE	

				Name: Shanna T. Fullmer	
2010 Uurrissna Darian Dara	9/30/2019			Title:Public Works Director	Vegetative and C&D
County, NC	to	111,000	\$ 2.05 million	Phone: 252-475-5844	Debris Removal
	1/23/2020			Email: shanna@darenc.com	
				Address: 1018 Driftwood Dr. Manteo, NC 27954	
			REFER	ENCE Name: Corrine Gibbs	
	9/6/2019			Title: County Manager	Vegetative and C&D
2019 Hurricane Dorian Hyde	to	101.620	\$3.5 million	Phone: 252-926-4400	Debris Removal
County, NC	5/7/2020	- ,		Email: cgibbs@hvdecountvnc.gov	
				Address: 1223 Main St., Swan Quarter, NC 27885	-1
			REFER		
	10/10/2010			Name: David Clegg	Vegetative and CPD
2019 Hurricane Dorian	10/10/2019	26.070	\$648.000.00	Ittle: County Manager	Vegetative and C&D
Tyrrell County, NC	10 12/5/2010	36,070	\$648,000.00	Phone: 252-796-1371 EXt. 2621	Debris Removal
	12/5/2019			Address: 108 S. Water Street, Columbia NC, 27025	
			REFER	ENCE	
				Name: Clark Harrell	Debris & Tree Removal
2019 Hurricane Michael	3/21/2019			Title:County Administrator	Flood Abatement
Mitchell Co. GA	to	43,600	\$536,000.00	Phone: 229-276-2672	Environmental
	4/30/2019			Email: charrell@crispcounty.com	Constraints
			DEFER	Address: 210 S 7th St., Cordele, GA 31015	
Board of Co. Commissioners of			NLFLN	Name: Wendy Russell	Debris & Tree Removal
Bradford County, FL	8/28/2018			Title:Emergency Management Deputy Director	Flood Abatement
2018 Creek Debris Removal	to	500 tons	\$ 2.5 million	Phone: 904-966-6910	Environmental
Alligator Creek & Sampson River	4/19/2019			Email: wendy russell@bradfordsheriff.org	Constraints
Flood Abatement				Address: 945 North Temple Ave, Starke, FL 32091	-
			REFER		
Droverd Deceb	12/4/2017				Placed Beach Quality
Brevard Beach	12/4/2017	225 000	ć 7.6 million	Ittle: Beaches, Boating & Waterways Program Manager	Sand to Restore over
Bern Restoration	ιυ Γ /20 /2018	235,000	ş 7.ο ΠΠΠΟΠ	Phone: 321-537-1779	22 miles of Beach
	5/30/2018			Email: mcgarry@brevardfl.com	10 \//
			REFER	Address: 2725 Judge Fran Jamieson way Building A, ROOM 2 ENCE	19 Viera, FL 32940
2018 Hurricane Florence				Name: Jeremy Stroud	
North Carolina DOT	9/30/2018			Title: Division 2 Maintenance Engineer	Vegetative and C&D
Pamlico Co & Craven	to	150,900	\$ 4.3 million	Phone: 252-775-6100	Debris Removal
Counties	01/23/2019			Email: jdstroud@ncdot.gov	
counties			0.555	Address: 105 Pactolus Hwy (NC 33) Greenville, NC 2783	5
			KEFER	Name: Spencer Hawkins	
2017 Hurricane Irma	10/12/2017			Title: EM Director	Vegetative and C&D
Macon-Bibb, GA	to	97,400	\$ 1.9 million	Phone: 478-832-6301	Debris Removal
	02/23/2018			Email: shawkins@maconbibb.us	
				Address 700 Depler St Meson CA 21201	
				Address: 700 Poplar St. Macon, GA 31201	

				Name: David Cook								
2016 Hurricane Matthew	10/15/2016			Title: SCDOT Maintenance Director	Vegetative and C&D							
South Carolina DOT	to	642,000	\$ 9.5 million	Phone: 803-315-8568	Debris Removal							
4 Counties	03/28/2017			Email: cookdb@scdot.org								
				Address: 955 Park St. Columbia, SC 29202								
	1		REFER									
				Name: Paul Matthews								
2014 Ice Storm	02/13/2014			Title: EMA Director	Vegetative and C&D							
Aiken County, SC	to	1,433,000	\$29.8 million	Phone: 803-642-2561	Debris Removal							
Aiken, SC - Roads	08/8/2014			Email: pmatthews@aikencountysc.gov								
				Address: 1930 University PKW Suite 3000 Aiken, SC 29801								
	1		REFER	RENCE	1							
				Name: Roger Riley								
2014 Ice Storm	02/13/2014			Title: Director of Emergency Management	Vegetative and C&D							
Barnwell County, SC	, SC to 1,000,000 \$11.5 million		\$11.5 million	Phone: 803-541-1001	Debris Removal							
SC DOT- Barnwell Co.	07/20/2014			Email: rriley@barnwellsc.com								
				Address: 57 Wall St. Barnwell, SC 29812								
	r		REFER	RENCE								
Aiken Co. Facilities School				Name: Paul Matthews								
District Public Sonvico	02/13/2014			Title: EMA Director	Removed and							
Authority, Horse Creek water	to	500,000	\$6 million	Phone: 803-642-2561	Processed Debris							
	08/8/2014			Email: pmatthews@aikencountysc.gov								
Trall.				Address: 1930 University PKW Suite 3000 Aiken, SC 29801								

SDR		EXISTING CONTRA	CTS	
Entity	Contact Name and Title	Address	Brief of Descripition	Termination Date
Bartow County, GA	Paul Cuprowski EMS Director	10 Elizabeth Street Cartersville, GA 30120	Vegetative and C&D Debris Removal	11/30/2021 to 5/1/2023
Butts County, GA	Glenn Goens	625 W. 3th Street Suite 14	Vegetative and C&D	1/1/2020 to 12/31/2022
Union Co. GA	Pam Hawkins	65 Courthouse Street	Vegetative and C&D	1/4/2020 to
Lowndes Co. GA	Ashley Tye	327 NORTH ASHLEY ST.	Vegetative and C&D	1/4/2029 11/10/20 to
Gordon Co. GA	Regan Bramblett	200 South Wall Street	Vegetative and C&D	3/2/2021 to
City of Newnan, GA	Ray Norton	25 LaGrange St.	Vegetative and C&D	3/2/2025 4/30/2021 to
Beaufort County, NC	Public Works Director Lisa Respess	Newnan, GA 30263 1420 Highland Drive	Vegetative and C&D	4/29/2026
Bertie County, NC	Disaster Specialist Steve Biggs	106 Dundee St.,	Debris Removal Vegetative and C&D	10/15/20 to
Washington County, NC	Ann Keves	Windsor NC 27983 205 East Mail St.	Debris Removal Vegetative and C&D	6/30/2025 5/4/2021 to
(NC Dept of Public Safety)		Plymouth NC 27962	Debris Removal	9/23/2023
North Carolina Emergency Management (NCEM)	Angie Dunaway Purchasing Director	3030 Hammond Business Place, RALEIGH, NC US 27603	Vegetative and C&D Debris Removal	9/22/2020 to 9/22/2023
Bertie County, NC	Sarah Tinkham	l 06 Dundee Street Windsor, NC 27983	Debris Management and Removal Services	10/15/20 to 6/30/2025
Deland City, of Lake Co. FL	Michael P. Pleus	120 S. Florida Avenue DeLand, FL 32720	Vegetative and C&D Debris Removal	9/9/2020 to 4/16/2023
Temple Terrace, of Lake Co. FL	Charles W. Stephenson	5660 Strand Court Naples, FL 34110	Vegetative and C&D Debris Removal	2/5/2020 to 5/7/2023
City of Gulfport,	James O'Reilly	2401 53rd St. S Gulfport, FL 33707	Vegetative and C&D Debris Removal	2/4/2020 to 4/16/2023
Santa Fe College, FL	David Shlafer	3000 NW 83rd Street Gainesville, Florida 32606	Vegetative and C&D Debris Removal	1/1/2020 to 1/1/2025
State College of Florida Piggyback off of Santa Fe College RFP	Rebecca Ferda	P.O. Box 1849 Beradenton , FL 34206	Vegetative and C&D Debris Removal	5/26/20 to 5/26/2025
City of Edgewood, FL	Bea Meeks/City Clerk	405 Bagshaw Way, Edgewood, FL 32809	Emergency Debris Removal Services	2/19/2020 to 2/19/2025
City of Kissimmee, FL	Nagel Altrui/ Stormwater Engineerr	101 Church St. Kissimmee FL 34741	Vegetative and C&D Debris Removal	3/6/2020 to 3/23/2023
NW FL Water Management District	Lyn Shiver/ Asset Mgmt. Admn. Assistant	81 Water Management Dr. Havana, Florida 32333	Vegetative and C&D Debris Removal	7/10/2020 to 7/9/2025
Gilchrist Co. FL	Ralph Smith Emergency Management Director	209 SE 1st Street Trenton, Florida 32693	Vegetative and C&D Debris Removal	10/1/2020 to 10/1/2024
Escambia Co. FL	Paul Nobles Purchasing Manager	213 Palafox Place Pensacola, FL 32502	Vegetative and C&D Debris Removal	3/5/2020 to 2/13/2023
Bay County, FL	Karen Grindle Chief Procurement Officer	840 West 11th Street Panama City, Florida 32401	Vegetative and C&D Debris Removal	6/1/2021 to 5/31/2026
City of Hialeah, FL	Luis A. Suarez Purchasing Manager	501 PALM AVENUE HIALEAH, FL 33010 – 4719	Vegetative and C&D Debris Removal	8/25/2021 to 11/25/2026
Franklin Co, FL	Jessica Gay	33 Market Street Apalachicola, FL 32320	Vegetative and C&D Debris Removal	9/7/2021 to 9/7/2023

City of Applachicala, El		192 Coach Wagoner Blvd	Vegetative and C&D	10/1/2021 to
City of Apalachicola, FL	Leo Bebeau	Apalachicola, FL 32320	Debris Removal	9/30/2025
City of Dombroko Dinos, El	Eliezer "Eli" Diaz	601 City Center Way, Pembroke	Vegetative and C&D	1/12/22 to
City of Periproke Pines, FL	Contracts Specialist	Pines, FL 33025	Debris Removal	5/26/2026
Cartar Ca. KV	Mike Malone	300 W Main St STE 227,	Severe Weather Debris Removal And	3/11/2021 to
Carter CO. KY	Judge/Executive	Grayson, KY 41143	Disposal Services	3/12/2024
	Myron S. Lewis	3390 N KY 7	Severe Weather Debris Removal And	4/5/2021 to
EIIIOTT CO. KY	Judge/Executive	Sandy Hook, KY 41171	Disposal Services	4/5/2024
	Phillip L. Carter	122 S Main Cross Street	Severe Weather Debris Removal And	4/8/2021 to
Lawrence CO. KY	Judge/Executive	Louisa, KY 41230	Disposal Services	4/8/2024
PowerSouth Energy	Lisether Crever	2027 E Three Notch St.	Disaster Debris Clearance & Removal	7/1/2021 to
Cooperative, AL	Heather Cravey	Andalusia, AL 36421	Services	6/30/2022
Townset County TV	James Bocks	100 East Weatherford	Disaster Debris Removal, Reduction,	1/31/21 to
Tarrent County, TX	MBA, CPPB	Fort Worth, Texas 76196	Disposal	2/1/2023
NDOT	Kristy Jeter	87 Deacon Road	Unacest Dalaria Dave sual	1/31/21 to
VDOT	Contract Officer	Fredericksburg, VA 22405	Urgent Debris Removal	2/1/2023



FEMA REIMBURSEMENT PROCESSES

Southern Disaster Recovery (SDR) is highly experienced and qualified to assist any entity with all aspects of FEMA reimbursement and documentation. We have the expertise to perform the tasks of the project to meet the needs of the entity and maximize funds reimbursement. <u>Our operations are based on the Public Assistance Program as stipulated in The Stafford Act and clarified in 44 CFR, FEMA's Public Assistance Program and Policy Guide (PAPPG) and archived debris removal technical documents (FEMA's 325 Guide, the 9500 series) and various other FEMA publications on the subject of disaster debris management.</u>

We have found that the best way to maximize your Federal reimbursement is to conduct and document our work that is fully in adherence with our contract, FEMA's Public Assistance program, national safety standards and state/federal environmental standards. As you will see in the following table; our company is aligned with this statement from top to bottom. Additionally, you will notice the expertise noted in this table is tremendous in addressing those issues that are a matter of interpretation by FEMA field reps and administrators; helping ensure your full eligible reimbursement!

To date, all SDR's clients have received their full eligible reimbursement from the FEMA Public Assistance program.

SDR EMPLOYEE	ROLE WITHIN COMPANY	SPECIFIC EXPERIENCE WITH FEMA PUBLIC ASSISTANCE REIMBURSEMENT AND OTHER GRANT PROGRAMS
Johnny Deloach	FEMA Liaison	 Retired FEMA employee, deputy for debris in FEMA Region IV Consultant to states/counties Consultant to US Army Corps of Engineers Expertise in: Preliminary Damage Assessments (PDA's), preparation and review of Project Worksheets (PW's), securing Immediate Needs Funding and Expedited Funding
Al McClaran	CEO	 Written numerous disaster debris management plans organized to adhere to FEMA's Public Assistance program. Has worked directly with local governments in their PDA, PW's and Immediate Needs Funding Has Led and Managed over 90 disaster debris removal projects over the past nine (9) years
Chip Patterson	VP of Operations	 Operations Chief and grants manager in two State emergency management organizations (NC, FL) City/County Emergency Management Director (Jacksonville/Duval County, FL) and grants manager for over 10 years (FEMA PA, HMGP, FMAP, UASI, SHSGP, MMRS) Technical writer for FEMA's CPG 201 program; Recovery/Public Assistance program; Disaster Debris Management Plan Trainer for FEMA's CPG 201 program (Recovery, PA program, Debris Management) in urban cities Lead technical expert debris removal in catastrophic planning in urban areas (SE FL, NY/NJ, TX) Project Manager, Senior Project Manager, or Director on 27 jurisdictions' disaster debris removal contract activations



Randy Thompson	Government Affairs	 Certified Emergency Manager (CEM) with over 30 years' experience in emergency management planning, operational response, project/program management and disaster response/recovery. Local government public safety experience (Fire/Law Enforcement/Emergency Management) County Emergency Services Director (10 years) – readiness programs, PA, HMGP, SHSGP, EMPG grant management, disaster response/recovery County Elected Leader (County Commissioner) Ten (10) years providing leadership and management in disaster debris removal contract activations.
Sonny Sims	Sr. Project Manager	 Disaster Debris Removal Project Management 2020 SC Tornado- Hampton Co, SC 2020 SC Tornado-SCDOT Barnwell Co, SC 2020 SC Tornado-SCDOT Oconee Co, SC 2020 Spartanburg Tornado- Spartanburg, SC 2018 Hurricane Florence- New Bern, NC 2017 Hurricane Irma- City of Miami & City of Deltona, Florida 2016 Hurricane Matthew- Marion County & Lumberton Co, North Carolina 2014 Ice Storm Barnwell County, SCDOT, South Carolina2009 Ice Storm Dunklin County, Missouri 2008 Hurricane Ike- Liberty Co, San Jacinto, and Huntsville, Texas 2005 Hurricane Wilma- Coral Gables, Lauderdale by the Sea, City of Miami, University of Miami, Miramar, and Margate, Florida 2005 LDOT Boregard, Allan, Jefferson Davis Parish, Louisiana 2005 Hurricane Katrina- Coral Gables, City of Miami, University of Miami, Miramar, and Margate, Florida 2005 LDOT Boregard, Allan, Jefferson Davis Parish, Louisiana 2005 Hurricane Katrina- Gulf Breeze, Escambia Co, Florida, Mobile Alabama 2004 Hurricane Francis and Charlie- Winter Park, Winter Springs, and Marion County, Florida 2003 Hurricane Isabel- Richmond, Chesterfield Co, and Henrico County, Virginia 2002 Ice Storm Raleigh. North Carolina



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- 4. Site Assessment
- 5. Site Design
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- 7. Site Security
- 8. Inspection Towers
- 9. Debris Unloading and Segregation
- 10. Debris Incineration
- 11. Debris Grinding
- 12. Fire Protection
- 13. Ash Containment Area
- 14. Household Hazardous Waste Containment
- 15. Site Closure

Debris Collection and Transportation

- 1. Vegetative Debris
- 2. Construction and Demolition Debris

Final Disposal of Debris and Debris By-Products

Removal of Hazardous Leaning Trees and Hanging Limbs and Stumps

Household Hazardous Waste Removal, Transport, and Disposal

Abandoned Vehicle Removal

Animal Carcass Removal and Disposal

ROW White Goods Debris Removal



Freon Removal

Demolition, Removal, and Disposal of Damaged or Condemned Structures Asbestos Removal

> Documentation and Recovery Process

Quality Control Field Documentation Incident Action Plan (Work Plan) Documenting and Reporting Damage Invoicing and Data Management Technical Support for Reimbursement

> Support for the Town of Kiawah Island's Public Information

Public Notices

Personal Safety Statements (Draft) Debris Removal Instructions (Draft) Assistance with Private Property Debris Removal (Draft) First/Second/Third Pass Notice (Draft)

* <u>NOTE: This plan will be refined and updated following award in consultation with the</u> <u>Town of Kiawah Island. This plan is written referencing and in full compliance with:</u>

- Archived Documents:
 - FEMA 321 Public Assistance Policy Digest
 - FEMA 322 Public Assistance Guide
 - FEMA 325 Public Assistance Debris Management Guide
 - o FEMA 329 Debris Management Brochure
 - FEMA Disaster Assistance Policy DAP 9523.11: Hazardous Stump Extraction and Removal Eligibility DAP 9523.12: Debris Operations; Hand loaded trucks and trailers DAP 9523.13: Debris Removal from Private Property DAP 9523.4: Demolition of Private Structures
 - FEMA Fact Sheets
 9580.1 Public Assistance Debris Operations Job Aid
 9580.4 Debris Operations
 9580.201 Debris Removal Applicant's Contracting Checklist
 9580.203 Debris Monitoring
- FP 104-009-1 Public Assistance Program and Policy Guide (FEMA PAPPG)
- FEMA Stafford Act Sections 403 & 407
- FEMA Stafford Act Section 316
- 44 CFR 10.8(d)(2) Determination of requirement for environmental reviews
- 44 CFR 206.44 Implementing CoBRA
- National Environmental Protection Act (NEPA)
- FHWA/ER Program 23 CFR 668 Subpart A
- USACOE EM 385-1-1 Safety Guidance/Accident Prevention Plan



SDR Actions to Support the Town of Kiawah Island Readiness

This plan is prepared uniquely for the Town of Kiawah Island, and will be updated following contract award and consultation with the Town.

PLANNING:

FEMA states that "applicants with a FEMA accepted Debris Management Plan at the time of an event can increase effectiveness of its debris management mission". SDR has written and supported planning for numerous FEMA approved plans. Our management team includes experienced State and Local government emergency managers who are deeply experienced in disaster debris removal operations. We will support the Town of Kiawah Island in all debris removal planning activities.

TRAINING:

SDR is proficient in leading training and workshops to improve disaster readiness. We teach the FEMA Debris Management Course and conduct readiness workshops for our customers. SDR would lead or support debris management training efforts of the Town of Kiawah Island.

EXERCISES:

Disaster debris management operations are a multi-discipline effort for most jurisdictions. Tabletop exercises (scenario-based discussions) are an important readiness activity to reinforce principles learned in Planning and Training. SDR would lead or support tabletop exercise (TTX) development and conduct for the Town of Kiawah Island and the debris management team.

TEMPORARY DEBRIS MANAGEMENT SITE ASSESSMENTS:

Detailed site assessment for Temporary Debris Management Sites and "pre-permitting", if possible, are important pre-cursers to starting disaster debris removal operations rapidly. If TDMS locations are not properly permitted and constructed, debris removal operations cannot commence. SDR uses a very thorough documentation tool to organize TDMS assessments and document site conditions for proper permitting and construction. SDR will lead or support the Town of Kiawah Island in conducting TDMS site assessments.

Mobilization and Operations Plan Objectives

- Debris Clearance Roadways shall be cleared of debris as soon as possible to enable emergency and relief organizations to complete their missions in serving the public.
- Debris Removal Debris shall be removed quickly and efficiently to support the community's social and economic efforts by adhering to federal funding/reimbursement requirements to maximize recovery funds for the Town.



SDR Organizational Structure To Support The Town of Kiawah Island Disaster Recovery

SDR uses incident command system principles to organize and manage our mission to clear disaster

Experienced Management Team

SDR has successfully managed to completion over 60 separate debris

debris in the Town of Kiawah Island. Important ICS principles in our concept of operation include; a manageable span of control, unity of command, an action planning process (work plan) and an organization structure that can expand or contract based on the work plan's objectives. The following Organization Chart illustrates our disaster operations organization chart that is then tailored to the specific disaster size and complexity.



Disaster Debris Removal Mission General Process Map

This General Process Map (Gantt Chart) illustrates major aspects of the Scope of Work, their scheduling and timing relationship. The significance of the disaster and the interests of the Town of Kiawah Island will dictate the actual length of the disaster debris removal mission.

Sample Task Order Timeline																				
MAJOR PROJECT TASKS		SPECIFIED DAY OF PROJECT													Ļ					
		5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
1. Preplanning & Pre mobilization Tasks																				
2.Equipment Mobilization & Deployment																				
3. Emergency Road Clearance			 																	
4. Base Camp & Fuel Transport									*											
5. Debris Removal																				
6. TDMS Sites Set up, Operations, Closure			1																	
7. Debris Reduction																				
8. Debris to Final Disposal or Recycle																				
9. Project closeout			I		I								I	I	I					
Legend	Key Dates																			
First Pass Work		Day	0 I Notice to Proceed							Day 82			TDMS Closure for Receiving D					ebris		
Second Pass Work		Day	30 Fuel Available Locally							Day 82 🕗 Debris Reduction Con				mple	nplete					
		Day 3		5 🗱 Base Camp Closes						Day 82 📕 TDMS Clear of Debris					ris					
		Day	50	\diamond	First	Pass	Com	plete			Day	83		TDM	1S Fi	nal Ins	specti	on Co	omple	te
Third Pass Work	Day 7		70	Second Pass Complete						Day	ay 92 Project Comopletion Date									
	J	Day	80		Third	l Pass	Con	plete			Day	104		Ongo	oing P	rojec	t Clos	seout	Ends	

Post-Storm Emergency Clearance of Roads and Rights-of-Way:

EMERGENCY ROAD CLEARANCE

Actions pertaining to the mobilization of SDR personnel, equipment and coordination with the Town. In disaster response "with notice" much of this effort will occur before the disaster strikes to facilitate a minimum of 24 hours response time:

- Available personnel staffing in the local area.
- Identify and confirm landfill, transfer station locations, debris management sites, hours of operation, and availability in the local area.
- Initial notification/contact of major subcontractors committed to Team SDR.
- Establish coordination with the Town and other local officials important to mission execution.

Typical Debris Clearance Crew

- Front end loader (150 hp) with operator
- Equipment transport
- 2 chainsaw men
- Foreman with communications


- Identify streets with limited access small width, dead end, proximal ditches.
- Project Administration and Accountability Advance coordination with subcontractors.
- Payroll and Equipment Inventory Status updates.
- Test and verify all communications.

DEBRIS CLEARANCE CREWS

SDR and Subcontract Debris Clearance Crews Committed

w/in Region 15 Loaders 49 Chainsawmen 22 Equipment Transports Reach Back 58 Loaders 110 Chainsawmen 33 Equipment Transports

After the event has passed, SDR will immediately mobilize to the affected area. The Project Manager will arrive at the designated Post-Storm meeting location and initiate recovery activities as conditions permit within 8 hours of notice to proceed.

SDR will provide a minimum of 5 crews to commence debris clearance operations within 24 hours of issuance of a notice to proceed.

Team SDR will begin debris clearance along the primary transportation routes, rights-of-way, easements, streets, and roads identified and directed by the Town. Crews will be deployed from the pre-arranged staging areas to clear debris from roads, bridges and emergency vehicle paths as required. Absent specific guidance:

- **First priority** will be given to main arterial roadways and access routes leading to EOC's, fire, police and health care facilities.
- **Second priority** will be given to streets and thoroughfares providing access to major utility systems and services, such as electric, water and gas.
- **Third priority** will be given to major highways and commercial streets, followed by residential streets and alleyways.

DEBRIS REMOVAL OPERATIONS MOBILIZATION:

Upon receiving the *Notice to Proceed*, Southern Disaster Recovery (SDR) will immediately mobilize resources and initiate actions item as per the contract kick-off meeting and the *Notice to Proceed*.

Examples of kick off meeting expectations include:

- Establish Town priorities
- Establish Town clean-up goals
- Establish Town's point of contact
- Establish contractor project management points of contact
- Determine how project monitoring will be accomplished
- Establish debris monitor points of contact
- Discuss any additional reporting requirements

Immediate action and planning requirements to be accomplished:

- Develop the initial Operational Period Action Plan
- Mobilize and stage equipment
- Organize debris removal assignments (Sectors and Zones)
- Establish temporary debris management site(s) (TDMS)
 - ✓ Confirm proper permitting and/or acquire permits
 - ✓ Establish site layout as per permit(s)

Quality Check

- Five fully equipped crews operational within 24 hours.
- Pre work safety checks of equipment and work site completed
- Crew members trained in the use of equipment
- 100% use of appropriate Personal Protective Equipment
- Timely tracking and accounting for hourly equipment.



<u>EQUIPMENT</u> - Size and type determined by overall accessibility of rights-of-way and the location overhead utilities.

For maximum and safety and efficiency, SDR will apply the following standards:

Loading Equipment – All loading and moving equipment will be operated from the roadway, streets, alleys, or rights-of-way using clam shell loaders, booms, or grapple devices to collect and load debris into collection vehicles. No equipment will be operated behind the curb or outside the defined roadway shoulder/swale section or in an area that may endanger operators or work crews, unless specifically directed to do so by emergency officials.

Hauling Equipment – All trucks and trailers used

to haul debris will be capable of rapidly and independently dumping loads, and, will be equipped with a tailgate. Trucks will be equipped with a tarp or net to secure loose materials during transport to the disposal facility or site. The tarp/net will not exceed the truck body/trailer measurements.

Truck Measurements and Signage - Trucks will be

measured accurately and identifying data will be fully documented. The inspection/measuring will be performed by Town and SDR representatives, documented, and signed-off by the jurisdiction. The dimensions will be the inside measurements of the trailer. The truck specifications will be on file with the jurisdiction. Signage and vehicle numbers will be prepared and ready prior to deployment. SDR identification placards will be affixed to the sides of each piece of heavy equipment and trucks.

Hours of Operation – Debris removal operations that generate excessive noise levels will take place during daylight hours, seven days a week. Adjustments to the hours of operation, based on working conditions and scope of work, may require a coordinated change with the approval of the Town's designated official.

SUBCONTRACTING PRACTICES AND PROCEDURE

- ✓ As per our written Subcontractor Protocol, we often use subcontractors to ensure our resources are sufficient to complete operations efficiently for prompt emergency debris removal and restoration operations. We have an extensive pool of dependable subcontractors that can mobilize immediately upon notification. SDR ensures: Our subcontractors are fully vetted as to insurance, safety procedures, experience, pricing, and resources.
- ✓ We will pursue local and MBE/WBE/DBE as it is economically feasible to do so.

STRATEGY TO RETAIN RESOURCES

Our disaster experience has proven that subcontractors remain on the project and maintain high production levels as long as they are properly incentivized.

- ✓ On the Positive Incentive Side
 - SDR pays subcontractors weekly
 - Production incentives associated with Sector assignments
 - SDR pays a wage where a crew can make a living
 - On the Negative Incentive Side
 - By contract, leaving a project without completion and/or a release results in retainage being held.
 - Poor production, safety or quality performance results in less desirable sector assignment

SDR and Subcontract Load/Haul Equipment Committed

LOAD/HAUL CREWS

w/in Region 18 Grapple Trucks 49 Trailers 15 Loaders Reach Back 248 Grapple Trucks 110 Trailers 58 Loaders



TEMPORARY DEBRIS MANAGEMENT SITE SET-UP AND OPERATION

1. General

Southern Disaster Recovery (SDR) will provide all management, equipment, operators, and laborers required for the establishment, operation, and maintenance to accept, process, reduce, incinerate, and dispose of disaster related debris. These Temporary Debris Management Sites (TDMSs) may utilize air curtain incineration and/or mechanical chipping/grinding to reduce vegetative and clean woody debris. The TDMSs may also be used as transfer points for depositing mixed Construction and Demolition (C&D) debris prior to reloading for final transport to an authorized landfill. SDR will manage the TDMSs to accept debris collected under other contracts.

Site selection will be done by the Contracting Authority at its own cost.

2. Site Operations Plan

Following identification by the contracting authority of the TDMSs, SDR will develop a Site Operations Plan for each site.

The plan will address the following:

- ✓ Site management, to include point-of-contact and organizational chart
- ✓ Site ingress and egress
- ✓ Site preparation, including clearing, erosion control, and grading
- ✓ Traffic control procedures
- ✓ Site security
- ✓ Site safety
- ✓ Site layout/segregation plan, to include: air curtain incineration areas, mechanical chipping/grinding areas, ash storage or disposal areas, hazardous waste containment area, contractor work area, inspection tower, and safety zone clearance areas (100-foot clearance area between stockpiled debris and incineration operations, and 1000-foot clearance area from structures)
- Environmental mitigation plan, including considerations for smoke, dust, noise, traffic, safety buffer zones, storm water runoff, historic preservation, wetlands, and endangered species as appropriate

3. TDMS Foreman - Day/Night Operations

SDR will provide site foremen for both day and night operations, who will be responsible for all oversight, including traffic control, dumping operations, segregation of debris, incineration and mechanical grinding operations, and site safety.

Both foremen will be responsible for monitoring and documenting all equipment and labor utilized on the site. This information will be compiled with other daily reporting data and will be provided to the contracting authority by the Debris Operations Manager.

If multiple TDMSs are in operation, SDR will assign a site manager for all necessary oversight.

TEMPORARY DEBRIS MANAGEMENT

SDR and Subcontract TDMS Equipment Committed

w/in Region	Reach Back
20 Grinders	34 Grinders
34 Trackhoes/Excavators	50 Trackhoes/Excavators
16 Dozers	29 Dozers



4. Site Assessment

Immediately upon taking occupancy of any site, SDR will conduct an initial site assessment to determine baseline conditions. This assessment will include visual inspection in the presence of a Contracting Authority representative, documentation of any existing improvements to or on the site, aerial and/or ground photography/videography, random soil samples, water samples from any existing wells located on the site, and review for any volatile organic compounds.

Spot soil samples will be taken at the areas considered for the temporary storage of household hazardous waste, ash, and fuel.

Photographs and/or GPS based maps of the site will be updated as the use and configuration of the site changes.

5. Site Design

The sites will be designed so that air curtain incinerators are located a minimum of 1,000 feet from the nearest occupied building or as specified by the applicable state or local environmental regulatory entity. The area within 50 feet of the burn pits will be cleared of vegetative cover to reduce fire hazard. If pit burning is utilized, and the pit is situated on pervious soils, an impervious layer of clay, limestone, or synthetic material will be provided.

Vegetative debris will be centrally stored near the air curtain incinerators, but at a minimum of 100 feet away from the air curtain incinerators to reduce potential fire hazard. Roads should be designed with separate ingress and egress, where possible, to expedite truck flow in and out of the site. If possible, large turnaround areas will be constructed to enable simultaneous movement of multiple trucks.

To reduce hazards from flying debris, wood chipping operations will be located a minimum of 250 feet from all areas where personnel are actively working.

If needed, access roads will be constructed at each site. Crushed rock or gravel will be used to form a base that will prevent soil erosion, reduce dust generation, and provide truck access during inclement weather. Additional applications of rock may be necessary for road maintenance as theproject progresses. Additional reserves of rock should be maintained on site road to repair and rebuild roads for road relocation, mud accumulation, and compression of rock as a result of heavy truck traffic.

6. Site Preparation

SDR will be responsible for preparing the TDMSs to accept debris. This preparation may include clearing, erosion control, grading, constructing and maintaining haul roads, entrances, dumping pads, equipment washing areas, and burn pits. SDR will provide utility clearance and sanitary facilities, if needed. SDR will protect existing structures at the site(s) and repair any damage caused by our operations at no additional cost to the Town.

7. Site Security

SDR will provide and maintain site security measures for all operations conducted at the TDMSs.



8. Inspection Towers

SDR will construct and maintain one Inspection Tower at each TDMS site. SDR and the Town personnel will conduct inspections, load volume estimations, and photograph each load of debris delivered to the site from the tower. Existing structures serving this purpose may be utilized following coordination between SDR and the Town. Tower locations may be changed to support the progression of debris storage and reduction as well as normal traffic patterns on the site.

The towers may be constructed using pressure treated wood or metal scaffolding materials. The floor elevation of the tower will be such that it affords the Town representative(s) and SDR personnel a complete view of the load bed of each piece of equipment that hauls debris to the site while allowing for the easy transfer of the debris removal load ticket between the Town representative and the vehicle driver. The floor area will be a minimum of 8' x 8'. A 4' high wall, sturdily fastened to the structure to eliminate fall hazards, will protect the perimeter of the floor area. A roof will be constructed over the floor area, constructed to provide a minimum of 6'-6" of headroom. Steps with a handrail will provide access to the Inspection Tower.

To prevent falls, all personnel on the tower must be "tied-off" to the tower at all times.

9. Debris Unloading and Segregation

Trucks containing any waste other than vegetative debris will be directed through the disposal site to the C&D debris area of the disposal site.

Trucks insufficiently loaded will be noted and reported. Photos and live video may be utilized to record actual hauling equipment.

Trucks containing vegetative debris will be directed to the debris depository areas of the sites in an orderly manner via the ingress. Upon obtaining clearance from the designated flag person at the depository area, the trucks will back up, dump their load, and exit the site via the egress.

Once the debris has been deposited at the base of the debris storage pile, dozers and track hoes will be used to move and pile the debris. Debris piles will be compacted and constructed with a slope to prevent loose debris from rolling or falling down the sides of the piles.

When feasible, maximum effort will be made to salvage and/or recycle debris.

Only vegetative debris will be brought to the air curtain incinerator section of the disposal site. All nonvegetative debris will be segregated according to its type. Debris sorting will be done when it is picked up for transport to the burning pits. The vegetative waste at each site will be segregated into three basic categories: stumps, logs, and brush.

10. Debris Incineration

Debris eligible for incineration will be moved to the air curtain incinerator by a front-end loader. The air curtain incinerator will be loaded using a trackhoe. Burning will continue until the box/pit is approximately 1/3 full of ash. At that point, any large, partially burned logs will be removed and placed on an earthen area near the box/pit. After the ash has cooled, it will be removed and placed in an adjacent storage area. The storage area will be bermed or diked to prevent ash from being transported from the pit by storm water runoff during a rainfall event.



11. Debris Chipping

Tub grinders will be set up at each disposal site to convert some of the debris into wood chips suitable for use as mulch or fuel chips. A knuckleboom loader or trackhoe will be used to load debris into the grinder. The grinders will be primarily used for debris with high soil content such as stumps, which are not suitable for incineration. Due to the noise generated by the grinders and the hazard of debris being ejected from the tub, the grinders will be set up at least 150 to 200 feet from all other work areas. The 200-foot boundary will be marked by physical barriers, caution tape, and have appropriate signage.

A dozer should be used to stockpile mulch as it is processed by the grinders. Large amounts of processed debris will produce large mulch piles. Consideration should be given to the amount of material that will be chipped and adequate space should be allotted for stockpiled mulch. The piles should be at least 50 feet away from the grinder.

The temperature of the stockpiled mulch should be monitored to prevent spontaneous combustion. If the temperature approaches or exceeds 150 degrees Fahrenheit, the stockpile should be rolled to release the heat buildup. The environmental monitors will record the temperatures of all debris piles on a periodic basis.

12. Fire Protection

SDR will manage all site operations to minimize the risk of uncontrolled/uncontained fire. Twenty-pound all-purpose fire extinguishers should be strategically stationed around the incinerators/burn pits and specifically around the debris piles with the heaviest concentration of debris. The number of fire extinguishers will vary depending on the size of the TDMSs. At no time should a fire extinguisher be located further than a 1-minute round-trip walking distance from any point on the site. Site conditions may necessitate having additional water-filled extinguishers and readily available hand tools, such as fire rakes.

13. Ash Containment Area

SDR will contain, store, and remove ash from all incineration operations. The ash containment area will be wet down periodically for the duration of operations to prevent particles from becoming airborne.

14. Household Hazardous Waste Containment

SDR will construct a containment area at each TDMS for any hazardous waste inadvertently delivered to the site. The containment area will be a minimum of 30" x 30". The perimeter of the containment area will be constructed with an earthen berm or hay/straw bales that are staked in place. The area will be lined with a heavy gage, non-permeable plastic to provide a waterproof barrier. Additional heavy gage, non-permeable plastic sufficient in size to cover the entire containment area will be kept on site and used to prevent rain from entering the containment area. To direct run-off away from the protected area, the site will be sloped appropriately to provide necessary grading.

15. Site Closure

SDR will close each TDMS within 30 calendar days of completing the reduction or transfer all delivered debris to an authorized landfill. Site closure will include removing site equipment, debris, and all remnants



from the processing operation; grading the site; and, restoring the site to pre-occupancy conditions. The site(s) will be restored in accordance with all state, tribal, and local requirements.

SDR will be responsible for the proper disposal of non-burnable debris, ash, wood chips, and hazardous and toxic wastes.

SDR will conduct a final inspection of the site along with the Town representative to receive final approval of the site closure.

DEBRIS COLLECTION AND TRANSPORTATION

Removal Activities – From the grid/zone assignments, areas are categorized by priority and accessibility. The zones will be equitably established to ensure timely progression throughout the affected area. A "clean as you go" process will be implemented for the waste stream being worked, with crews working from street to street through each zone. Crews and resources will be adjusted as needed during this phase.

Debris Segregation – Initial storm/event debris will be separated when feasible.

- Crews will attempt to segregate materials, where feasible, into constituent piles for collection and disposal. Hazardous materials will be segregated and properly stored for future collection.
- Mixed debris will be collected as C&D.

Debris collection passes will continue up to the point where the remaining debris consists of light litter that can be easily collected using raking and sweeping methods of operation.

FINAL DISPOSAL OF DEBRIS AND DEBRIS BY-PRODUCTS

Disposal of all eligible debris, reduced debris, ash residue, and other products of debris management will be in accordance with all applicable state, federal, and local laws. Associated related costs will be "pass-through" with no additional charges to the Town. SDR will ensure disposed debris is properly documented in accordance with FEMA protocol by using approved collection/disposal and tipping tickets. Activities will be done in coordination with the Town's Debris Manager.

REMOVAL OF LEANERS, HANGERS, AND STUMPS

SDR and Subcontract Disposal/Recycling Trucks Committed

w/in RegionReach Back18 Trackhoes38 Trackhoes49 Trailers110 Trailers

SDR will ensure the location and removal of all approved leaners, hangers, and stumps is properly documented as per FEMA. Any holes remaining after stump removal will be backfilled appropriately.

HOUSEHOLD HAZARDOUS WASTE (HHW) REMOVAL, TRANSPORT, AND DISPOSAL

HHW removal will be organized as a unique, separate mission from the debris removal passes. The equipment and specialized training (HAZWOPER training) combine to make this a unique debris removal operation. Consistent with the level of damage from the disaster, an initial pass may be conducted by HAZWOPER qualified personnel to visually inspect disaster debris piles and take action to segregate the HHW from woody, vegetative and C&D material. At a later date, coordinated with the Town, specially trained crews will move the hazard area to remove the HHW. In heavily damaged areas with a significant amount of HHW, the HHW may be placed in a temporary containment cell constructed at a properly permitted TDMS. Otherwise HHW will be taken directly to a proper disposal location.



ABANDONED VEHICLE REMOVAL

Abandoned vehicle removal will be a unique, separate mission from the debris removal passes. The Town will identify abandoned vehicles to be removed, SDR removes the vehicles and takes them to a Town identified location.

ANIMAL CARCASS REMOVAL AND DISPOSAL

As identified by the Town, animal carcasses will be removed and transported to a properly permitted disposal location.

ROW WHITE GOODS DEBRIS REMOVAL

A separate debris mission will be organized to remove White Goods in the disaster areas. The removal of white goods will take place using a flat deck, stake body truck with an equipment lift gate. All loading of White Goods will be done manually so as not to disturb any Freon containing lines. Each White Good will be evaluated for its use of freon. Those white goods without freon may be hauled directly to final disposal or recycler. White goods with freon will require the work of a freon technician to remove the ozone depleting gas.

FREON REMOVAL

A Section 608 certified technician will maintain, repair or dispose of equipment that could release ozone depleting refrigerants into the air.

DEMOLITION, REMOVAL, AND DISPOSAL OF DAMAGED OR CONDEMNED STRUCTURES

As required and directed by Town officials, demolition and removal of condemned structures and buildings resulting from the disaster, will be performed by SDR to reduce or eliminate an immediate threat to life or enhance safety and health to the public. Each demolition will have a site inspection report (including a site plan), right-of-entry agreement, and proper permits. Demolition, removal and disposal of damaged or condemned structures will be considered a special mission within the daily action plan and will unique heavy equipment resources and qualified personnel to complete the mission.

DOCUMENTATION AND RECOVERY PROCESS

SDR's Project Manager and Site Superintendents have complete responsibility for quality assurance/quality control (QA/QC) of work performed by SDR and all subcontractors. As with any project, effective QA/QC starts with initial identification of project roles, which is a key element to our standard QA/QC program. Further, oversight and support will be provided from three levels within our organization, including SDR's Principal-In-Charge, Project Manager, and Site Superintendents. The cornerstone of our approach is the assignment of a strong Project Manager capable of integrating each sub-discipline required as part of this project. The Project Manager will have first-line responsibility for performance. Continuity of tasks will be maintained by the Project Manager's oversight of and participation in all contract activities.

By the close of business each day of the contract, the Project Manager will submit a report with the following to the Contracting Officer:

- Contract number
- Daily and cumulative hours for each piece of equipment and personnel
- By unit cost or daily and cumulative CY removed

SDR will reconcile all units of work daily, thereby reducing the occurrence of erroneous or disputed data later in the project, and commits to the following:

- Maintenance of recovery process documents
- Preparation of written and oral status reports as requested by the Town



• Assistance with claim document preparation as required by the FEMA Public Assistance Program for submittal to the state and the FEMA Public Assistance program

DEBRIS TAKEN TO LANDFILL

Should it be more cost effective to transport the eligible debris directly to a permitted landfill for disposal, field procedures will be implemented to ensure that each load ticket prepared at the loading area is properly manifested to the landfill for proper confirmation of truck capacity and disposal information.

REDUCED DEBRIS/FINAL HAUL OUT TO DISPOSAL FACILITY

The same procedure listed above will be implemented for debris taken to a TDMS. However, during the final haul out, a separate ticket will be issued for the reduced debris hauled to the final disposal site. Documentation will include haul out time, cubic yards, disposal location and time.

INCIDENT ACTION PLAN

The Incident Action Plan (much like a daily work plan) is the process by which the Debris Management Team (Town, Contractor and Debris Monitor) agree to the objectives for the next operational period (day or next series of days); and, by which the rest of the SDR Incident Management Team ensures the Project Manager has the resources to accomplish the objectives.

DOCUMENTING AND REPORTING DAMAGE

SDR's *Customer Service Plan* is a tiered system consisting of:

<u>Tier 1:</u> Conduct business in a manner that is professional, ethical, and sensitive to the area in which we work, to prevent damage, and to facilitate positive interactions with the public. Should any damage to property or detrimental public interaction occur, our personnel are trained to solve problems speedily to the mutual satisfaction of all parties involved, including the immediate repair of property if necessary. <u>Tier 2:</u> Adds the inclusion of the Project Manager's in the problem-solving process. Also, any customer service issues, including damage and repairs, are added to the daily situation report, so the entire operation may learn from the activities.

<u>Tier 3:</u> At this level, any issues identified by the Town are addressed. The Town may have an ongoing citizen complaint system that properly identifies issues and tracks them to resolution. SDR command staff ensures the complaint is included as an action item within the daily Incident Action Plan (IAP) development. All necessary personnel will be apprised of any action items ensure speedy and complete resolution.

INVOICING AND DATA MANAGEMENT

All our processes and procedures are designed to ensure each project is carried in such a way that the Town's federal reimbursement is maximized.

Key elements of our systems include:

- Proper certification of haul vehicles with Town signatures and approvals
- Proper field documentation of each load hauled by identifying the precise/certified vehicle, the driver, and location of eligible debris removed
- Proper field documentation of each disposed or reduced load, including disposal location and the safe, permitted operation of that disposal or reduction site location
- Daily reports, which may also include the updated loads-hauled database (if available), to ensure ongoing transparency and communication of work outcomes
- Reports and databases that are fully supported by accurate field documentation

Our project management documentation process also provides for positive identification and control of work on FHWA and other federal aid eligible roads.



The client may choose to utilize the SDR Disaster Recovery Load Ticket to record the debris collected and transported from the rights-of-way to the designated disposal sites. SDR captures 15 key data points described in FEMA's Debris Management Guide. The six-part load ticket allows project participants to accurately maintain documentation of billable activities.

At a minimum, the load tickets used will be posted to a weekly spreadsheet and/or database with both a hard copy and electronic version provided to the client. The following ticket information is included in the database:

- Date
- Preprinted ticket number
- Hauler's name
- > Truck number and truck capacity in cubic yards
- > Total load percentage, as assigned by the client representative in the tower
- Load amount in billable cubic yards
- > Debris classification as burnable, non-burnable, mixed, or other
- Point of origin for debris collection, time loaded and unloaded, including location of the temporary disposal site

Since the load ticket data is the basis for invoicing, SDR works with the Town's monitoring firm to ensure all data is complete and accurate.

TECHNICAL SUPPORT FOR REIMBURSEMENT

In addition to utilizing the industry's best practices for debris removal documentation, SDR will provide comprehensive Public Assistance technical support for reimbursement. SDR's Disaster Recovery Services Director will coordinate and set up all necessary meetings. SDR will meet with the Town to review and update the information required for FEMA reimbursement submittals as well as assist with item checklists required for each FEMA category.

SDR's Program Assistance includes:

- Coordination with the Town for their submission of the official request for state assistance and FEMA inspection.
- > Review of the FEMA Project Worksheet (PW) for accurate scope of work and unit costs.
- Recovery process documentation, including creating a process to capture the daily log and tickets from the field/contractor and data entry of the recovery process. (Perform daily, weekly ticket reconciliation, and final reconciliation of debris removal ticket ledgers and disposal ledgers (TDMS to final disposal), per FEMA requirements. Provide FEMA Category A submittals including final inspection reports.)
- Review project documentation for consistency, compliance, and completeness. Assist with submission of requests for payment, if needed.
- > Make recommendations to Town representatives for reimbursement tasks.
- Assist the Town in negotiations with federal and state agencies and verify completion of work task items for FEMA Category A-B for contract closeout.



PUBLIC NOTICES

SDR will work with Town public information efforts to inform residents about disaster recovery, debris management tasks, and how residents can participate in the community's debris management and the expectations for the upcoming period.

SDR will participate in any established joint information center and provide materials and information to ensure the public is aware of debris clearance disaster recovery endeavors.

SDR can provide weekly public notices of the debris removal schedule to keep those affected by the processes informed. All public notices shall be approved by the Town prior to release and will contain a description of the proposed work and how debris should be placed in the right-of-way for removal as well as a description of eligible debris and the schedule for removal.

Specific information will include:

- Cleanup instructions
- Status of cleanup
- Locations of drop-off or collection sites
- How to source separate
- Projected cleanup locations for the coming week

SDR will participate with the Town with any other public information efforts including providing information for a telephone hotline and/or a flyer to hand out or to be inserted into utility bills/mailouts.

Consistent with the Town's desires, available information will include recycling/diversion programs for the disaster debris such as point of collection, hours, materials to be collected, method of collection (drop-off, curbside, bins, etc.).

Statements for Disaster Debris Information:

The following written statements are given as examples of what we can provide to assist entities with disseminating information to their constituents and are designed to be modified as needed. They may be used in flyers, newspaper articles, or read over television and/or radio. The statements are intended to fit into an overall public information strategy and may be used in conjunction with other messages about the disaster recovery process.

PERSONAL SAFETY STATEMENTS

EVERYONE INVOLVED IN DEBRIS CLEAN-UP IS ENCOURAGED TO WEAR PROPER CLOTHING AND RESPIRATORY PROTECTION. Protect yourself with gloves, hard-soled shoes or boots, and respiratory masks as necessary. If you have a cut or a scratch that is not healing properly, seek immediate medical attention.

POWER EQUIPMENT CAN BE DANGEROUS. If you are not familiar with or haven't operated power equipment such as chain saws or grinders, consider hiring a licensed, qualified contractor to assist you.

STAY AWAY FROM UTILITY AND DEBRIS CREWS WORKING IN YOUR AREA. All utility and debris crews working for the Town are licensed and qualified for the work they are performing. They maintain safety programs to reduce the occurrence of injuries in their work locations. However, you must stay clear of utility and debris crew operations because of the inherent dangers in operating heavy equipment.



DEBRIS REMOVAL INSTRUCTIONS

HELP SPEED UP DEBRIS REMOVAL by placing debris in the right of way.

Follow these key steps:

- Keep debris at least three feet from electrical utility poles and boxes, fire hydrants, and water and gas meters.
- Separate woody (limbs and leaves) debris; construction and demolition debris and household hazardous waste into separate piles.
- Garbage pickup will resume on your regular schedule on _____. Separate garbage from your disaster debris
- Call ______ with debris removal questions at ____
- Debris removal will be ending soon, so residents are encouraged to take advantage of the free removal service.

DISASTER DEBRIS THAT WILL BE PICKED UP

- Woody, vegetative debris: Limb and leaf debris created by the storm event.
- Construction and demolition (C&D) debris: Debris such as 2X4's, dry wall, shingles, paneling, insulation, etc. that was created by the storm event. Do not place C&D debris at the roadside if your insurance company pays for a contractor to clear your C&D debris from your home.
- White goods: appliances and other household devices that were damaged/destroyed by the storm event.
- Household hazardous waste: Material that includes such things as paint, fuels, insecticides, pesticides, sprays with petroleum distillates, etc. These will only be picked up if they are associated with damage from the storm event.

Each of these will need to be separate from the other at the roadside. Some of the materials will be processed for recycling and some of these materials will go to immediate disposal. Your assistance is necessary for debris clearance to progress rapidly and correctly.

ASSISTANCE WITH PRIVATE PROPERTY DEBRIS REMOVAL

Anyone who needs assistance with debris removal, such as senior citizens, and those that need help with activities of daily living may call _______ to schedule a volunteer to assess your needs. Assistance will be provided by volunteer groups working in our area and will be prioritized for those that do not have insurance coverage to pay for the cleanup.

FIRST/SECOND/THIRD PASS NOTICE

The Town's contractor will be in ______ (add in neighborhoods or street designations) for a (first/second/third) pass at picking up disaster debris from the road right of way. Only eligible debris will be picked up.

NOTE:

Town should insert the appropriate debris and/or safety statements above to assist residents and business owners with the safe and efficient removal of debris.



SDR Equipment List

Name	Equipment Description	VIN/Serial No.
2015 Talbert	Lowboy Trailer	40FSK5135F1034069
2016 Kenworth T880	Road Truck w/26'Forage Trailer	1NKZLP0XXGJ115213
2001 Peerless	Live BottomTrailer	1PLE045241PH52089
2004 Mack CHN 600	Road Tractor	1M1AA18Y44N157606
2003 Hudson	10 Ton Equipment Trailer HTD18	10NNTDIDX31000045
2006 International 4000S	Bucket Truck	1HTMMAAN96H219994
2019 Kenworth T880	Road Truck w/30' Trinity Trailer	1NKZXPEX0KJ282444
2020 Kenworth T880	Dump Truck	1NKZXPEX1LJ358500
2021 Kenworth T880	Road Tractor	1XKZP4TX4MJ447907
1999 Komatsu	Excavator PC300-6	A83018
2016 Volvo Artic Hauler	Off-Road Truck	740285
Mccloskey	Trommel Screener	89467
Caterpillar	Wheel Loader IT38G	CSX00780
2007 Komatsu	Excavator PC200LC-8	C60323
2010 Komatsu	WA250-6 Wheel Loader w/ CouplerBuckets & Forks	A76226
2005 Caterpillar	Track Loader 953C	BBX01052
2004 McPherson	Air Curtain Incinerator	5811104
2014 Komatsu	Excavator PC210LC-10w/42" bucket&thumb	A10410
2014 Komatsu	Crawler Dozer D39PX-23	90319
Reach Fork Lift	Reach Fork lift 6K-34'Diesel FL01-0381	RS5JV1211550
2017 Komatsu	Excavator PC170LC-10w/42" bucket & thumb	EJX00253
2017 CAT	Track Loader 259D	FTL12657
Komatsu	Wheel Loader WA320-7w/bucket	A36081

*SDR also has a dedicated fleet of subcontractors with 90+ self-loaders and 60+ bucket trucks.

109 White Oak Rd. Greenville SC 29609 | Office 864-469-9776 | Fax 864-469-9642 www.southerndr.com

ATTACHMENT B

FEE SCHEDULE

FEE SCHEDULE			
1.	Validated load hauled tickets for Vegetative storm debris picked up at the designated work		
	zone, hauled to and dumped at a Temporary Debris Storage and Reduction Site (TDSRS)		
	or Charleston County approved recycling facility or disposal site		
	Mileage Radius: 0-20 Miles	\$ 7.25 /cu.yd.	
	21-40 Miles	\$8.50 /cu.yd.	
	41-70 Miles	\$ 8.50 /cu.yd.	
2.	Validated load hauled tickets from the TDSRS for final processed vegetative storm debris		
	at a Charleston County approved recycling facility or disposal site	1.00	
	Mileage Radius: 0-20 Miles	\$ 4.90 /cu.yd.	
	21-40 Miles	\$ 6.75 /cu.yd.	
	41-70 Miles	\$ 8.90 /cu.yd.	
3.	Validated load hauled tickets for Construction and Demolition debris picked up at the		
	designated work zone, hauled to and dumped at a Temporary Debris Storage and		
	Reduction Site (TDSRS) or Charleston County approved recycling or disposal site		
	Mileage Radius: 0-20 Miles	\$ 7.25 /cu.yd.	
	21-40 Miles	\$ 0.50 /cu.yd.	
	41-70 Miles	ş 7./ <i>3</i> /cu.yd.	
4.	Validated load nauled tickets for Construction and Demolition debris picked up at a		
	County approved recycling/disposal facility		
	Mileage Padius:	t 4.90 /curved	
	Mileage radius. 0-20 Miles	\$ 4.70 /cu.yu.	
	21-40 Miles	\$ 8.90 /cu.yd	
E	Tipping fees/disposal costs shall be paid by CONTRACTOR and actual incurred cost shall be	ş 0.90 /cu.yu.	
5.	invoiced to the Town of Kiawah Island for reimbursement		
6.	Management, Processing and Loading of all eligible debris and/or residue at the TDSRS. Including locating, leasing (if required), preparing and layout of site; management, maintenance and operation of the TDSRS; the receiving, sorting, segregation, processing and reduction of vegetative debris (chipping or grinding or burning as directed by the Town of Kiawah Island), furniching materials, supplies labor, tools, and equipment	\$ 3.95 /cu.yd.	
	necessary to perform services; maintenance of internal roadways, providing traffic control, dust control, erosion control, inspection tower(s), lighting, hazardous/toxic waste (HTW) containment areas, fire protection, all required permits, environmental monitoring, and safety measures; loading reduced/stored debris and initiating load tickets for final disposition; and Closure and remediation of the TDSRS		
7.	Validated load hauled tickets for hazardous materials picked up at the designated work zone, hauled to and dumped at a Temporary Debris Storage and Reduction Site (TDSRS) or Charleston County approved disposal facility		
	Mileage Radius: 0-20 Miles	\$ 220.00/cu.yd.	
	21-40 Miles	\$ 275.00/cu.yd.	
	41-70 Miles	\$ 290.00/cu.yd.	
8.	Validated load hauled tickets for hazardous materials picked up at a Temporary Disposal		
	Storage and Reduction Site (TDSRS) and hauled to a Charleston County approved recycling/disposal facility		
	Mileage Radius: 0-20 Miles	\$ 165.00/cu.yd.	
	21-40 Miles	\$ 180.00/cu.yd.	
	41-70 Miles	\$ 195.00/cu.yd.	
9.	Validated load hauled tickets for Dead Animal Collection picked up at the designated work		
	zone, hauled to and dumped at a Charleston County approved disposal facility		
	Mileage Radius: 0-20 Miles	\$ 1.25 /lb	
	21-40 Miles	\$ 1.75 /lb	

	41-70 Miles	\$	2.25	/lb
10.	Hazardous trees – Trees will be evaluated by the Charleston County/Town of Kiawah Island			
	and be designated to be cut down and hauled to the TDSRS for reduction. Trees will be			
	measured 2' above the ground.			
	Trees with branches remaining – Fee to cut tree			
	6"-12" Diameter	\$	180.00	/tree
	13"-24" Diameter	\$	295.00	/tree
	25"-48" Diameter	\$	425.0.0	0/tree
	> 48" Diameter	\$	590.00	/tree
11.	Stumps over 24" in diameter (requires FEMA Eligibility)	\$		/tree
	24"-35" diameter	\$	225.00	/stump
	36"-47" diameter	\$	395.00	/stump
	>47" diameter	\$	525.00	/stump
12.	Hangers – Hangers will be considered any hanging/damaged remaining in the tree(s) above			
	the ROW of 2" or greater diameter. The Contractor, at the direction of the Town of Kiawah			
	Island, will remove hangers for a unit price per hanger			
	2" or greater	\$	72.00	/tree
13.	Private Property Demolition and Debris Removal – The CONTRACTOR shall operate beyond	\$	2.75	per sq.ft.
	the Public Right-of-Way (ROW) only as identified and directed by the Town of Kiawah			
	Island. Operations beyond the ROW on private property shall be only as necessary to abate			
	imminent and significant threats to the public health and safety of the community and shall			
	include, but is not limited to, the demolition of structures and the removal and relocation			
	of the debris to the public ROW	<u> </u>		
14.	Tipping fees/disposal costs for C&D debris shall be paid by the CONTRACTOR and actual			
	incurred cost shall be invoiced to the Town of Kiawah Island for reimbursement.	<u> </u>		
15.	<u>Fallen Trees</u> – The CONTRACTOR shall cut a fallen tree, which extends onto the ROW from	F	Price Inc	luded
	private property, at the point where it enters the ROW. Vegetative debris will be placed on			
	the ROW for collection as addressed under item #1. (a.)			
16.	<u>Validated load hauled tickets for Fill Dirt</u> – As identified and directed by the Town of Kiawah	\$	12.50	/cu.yd.
	Island, the CONTRACTOR shall place compatible fill dirt in ruts created by equipment and			
	vehicles, holes created by removal of hazardous stumps and other areas that pose an			
	imminent and significant threat to public health and safety			
17.	Validated load hauled tickets for pickup of white goods at the designated work zone,			
	nauled to and dumped at a TDSRS or Charleston County approved recycling facility – The			
	CONTRACTOR shall recycle all eligible white goods in accordance with all rederal, state and			
	Mileage Dadius	4	25.00	/au ud
	Mileage Radius: 0-20 Miles	ې ۲	35.00	/cu.yu.
	21-40 Miles	ې ۲	40.00	/cu.yd.
49	41-70 Miles	Ş	45.00	/cu.ya.
10.	validated load hadred tickets for white goods picked up at a remporary Disposal storage			
	recycling/disposal facility			
	Mileage Badius:	ć	15.00	/cu.vd
	anicage radius. 0-20 Miles	ې د	00.00	/cu.yu.
	21 40 Miles	ې د	20.00	/cu.yd.
10	Validated load bauled tickets for White Goods that require refrigerant mercury or oil	ې	29.00	/cu.yu.
19.	recovery picked up at a designated work zone bauled to and dumped at a TDSRS or			
	Charleston County approved recycling facility- The CONTRACTOR SHALL REMOVE AND			
	RECOVER Freen from any white goods, such as refrigerators, freezers or air conditioners.			
	at the TDSRS or final disposition site in accordance with all federal, state and local rules.			
	regulations and laws	ł		
	Mileage Radius: 0-20 Miles	Ś	80.00	/cu.vd.
	21-40 Miles	Ś	85.00	/cu.vd.
	41-70 Miles	Ś	90.00	/cu.vd.
20.	Validated load hauled tickets for white goods that require refrigerant, mercury or oil	Ŧ	,	,,.
20.	recovery picked up at a Temporary Disposal Storage and Reduction Site (TDSRS) and			
	hauled to a Charleston County approved recycling/disposal facility			

	Mileage Radius: 0-20 Miles	\$ 15.00	/cu.yd.
	21-40 Miles	\$ 22.00	/cu.yd.
	41-70 Miles	\$ 29.00	/cu.yd.
21.	Validated load hauled tickets for soil, mud and sand picked up at the designated work zone,		
	hauled to and dumped at a Temporary Debris Storage and Reduction Site (TDSRS) or		
	Charleston County approved recycle/disposal site. Pick up and disposal.		
	Mileage Radius: 0-20 Miles	\$ 14.50	/cu.yd.
	21-40 Miles	\$ 16.50	/cu.yd.
	41-70 Miles	\$ 18.50	/cu.yd.
22.	Validated load hauled tickets from the TDSRS for final process soil, mud and sand at a		
	Charleston County approved recycle/disposal facility.		
	Mileage Radius: 0-20 Miles	\$ 11.50	/cu.yd.
	21-40 Miles	\$ 13.50	/cu.yd.
	41-70 Miles	\$ 15.50	/cu.yd.
23.	Validated load hauled tickets for Vehicles and Vessels picked up at the designated work zone, hauled to and dumped at a Temporary Debris Storage and Reduction Site (TDSRS). Pick up and disposal of vehicles and vessels		
	Mileage Radius: 0-20 Miles	\$ 345.00	/unit
	21-40 Miles	\$ 475.00	/unit
	41-70 Miles	\$ 550.00	/unit
24.	Validated load hauled tickets for Vehicles and Vessels picked up at the Temporary Debris Storage and Reduction Site (TDSRS), hauled to and dumped at a Charleston County approved recycling facility.		
	Mileage Radius: 0-20 Miles	\$ 225.00	/unit
	21-40 Miles	\$ 295.00	/unit
	41-70 Miles	\$ 345.00	/unit
25.	Validated load hauled tickets for Putrescent Debris, picked up at the designated work zone, hauled to and dumped at a Charleston County approved landfill.		
	Mileage Radius: 0-20 Miles	\$ 64.00	/cu.yd.
	21-40 Miles	\$ 67.00	/cu.yd.
	41-70 Miles	\$ 70.00	/cu.yd.
26.	Validated load hauled tickets for bio waste debris picked up at the designated work zone, hauled to and dumped at a Charleston County approved disposal facility		
	Mileage Radius: 0-20 Miles	\$ 88.00	/cu.yd.
	21-40 Miles	\$ 94.00	/cu.yd.
	41-70 Miles	\$ 99.00	/cu.yd.
27.	Validated load hauled tickets for e-waste debris picked up at the designated work zone, hauled to and dumped at a <u>Temporary Debris Storage and Reduction Site</u> (TDSRS) or Charleston County approved recycle/disposal facility		
	Mileage Radius: 0-20 Miles	\$ 25.00	per unit
	21-40 Miles	\$ 35.00	per unit
	41-70 Miles	\$ 45.00	per unit
28.	Validated load hauled tickets for e-waste debris picked up at a Temporary Disposal Storage and Reduction Site (TDSRS) and hauled to a Charleston County approved recycling/disposal facility		
	Mileage Radius: 0-20 Miles	\$ 20.00	per unit
	21-40 Miles	\$ 30.00	per unit
	41-70 Miles	\$ 40.00	per unit
29.	Validated load hauled tickets for franchise replacement garbage service, in the event current franchise hauler is not able to meet obligations. Garbage to be picked up at the designated work zone, hauled to and dumped at a Charleston County approved landfill facility		
	Mileage Radius: 0-20 Miles	\$ 56.00	/cu.yd.
	21-40 Miles	\$ 65.00	/cu.yd.
	41-70 Miles	\$ 74.00	/cu.yd.
30.	Validated load hauled tickets for franchise replacement recycle service, in the event current franchise hauler is not able to meet obligations. Recycling to be picked up at the		

	designated work zone, hauled to and dumped at a Charleston County approved recycling		
	<u>facility</u>		
	Mileage Radius: 0-20 Miles	\$ 56.00 /cu.yd.	
	21-40 Miles	\$65.00 /cu.yd.	
	41-70 Miles	\$74.00 /cu.yd.	
31.	Validated load hauled tickets for franchise replacement yard waste service, in the event		
	current franchise hauler is not able to meet obligations. Yard Waste to be picked up at the		
	designated work zone, hauled to and dumped at a Charleston County approved recycling facility		
	Mileage Radius: 0-20 Miles	^{\$} 15.60 /cu.yd.	
	21-40 Miles	\$17.60 /cu.yd.	
	41-70 Miles	^{\$} 19.60 /cu.yd.	
32.	Validated load hauled tickets for household storm debris (carpet, furniture, clothing, etc)	-	
	picked up at the designated work zone, hauled to and dumped at a Temporary Debris		
	Storage and Reduction Site (TDSRS) or Charleston County approved recycle/disposal		
	facility		
	Mileage Radius: 0-20 Miles	\$ 17.50 /cu.yd.	
	21-40 Miles	\$19.50 /cu.yd.	
	41-70 Miles	\$ 21.50 /cu.yd.	
33.	Validated load hauled tickets from the <u>Temporary Debris Storage and Reduction Site</u>		
	(TDSRS) for final processed household storm debris at a Charleston County approved		
	recycle/disposal facility		
	Mileage Radius: 0-20 Miles	\$17.50 /cu.yd.	
	21-40 Miles	\$19.50 /cu.yd.	
	41-70 Miles	\$21.50 /cu.yd.	
34.	Beach restoration – Cost for restoration to coast line and beaches The CONTRACTOR shall use equipment rental type pricing and follow all appropriate regulatory concerns.	\$ 68.00 /LF	
35.	Training and Assistance Sessions shall be for all key Town of Kiawah Island personnel and	Price included	
	assistance in all disaster debris recovery planning efforts as requested		
36.	Preliminary Damage Assessment – Determining the impact and magnitude of the disaster Price included		
	event before federal assistance is requested, identifying damaged locations and facilities,		
	distinguishing between pre-disaster damage and disaster – generated damage,		
	documenting eligible costs and describing the physical and financial impact of the disaster	<u> </u>	
37.	Mobilization and Demobilization – All arrangements necessary to mobilize and demobilize	Price included	
	the CONTRACTOR's labor force and machinery needed to perform the Scope of Services		
28	Contained herein shall be made by the CONTRACTOR	Duise in sky de d	
38.	<u>Temporary storage of Documents</u> – The CONTRACTOR shall provide storage of daily or disaster related decuments and reports for protection during the disaster event.	Price included	
20	Debric Planning Efforts The CONTRACTOR shall assist in all disaster debric resources	Drice included	
39.	<u>Deblis Fidilining Enores</u> - The CONTRACTOR still assist in all disaster deblis recovery	Flice included	
	include but are not limited to development of a debris management plan identification of		
	adequate temporary debris storage and reduction sites estimation of debris quantities		
	and emergency action plans for debris clearance following a disaster event		
40.	Closure and Remediation of the TDSRS – The CONTRACTOR shall remove all CONTRACTOR	Price included	
1	equipment and temporary structures and shall dispose of all residual debris from the		
	TDSRS at an approved final disposition site. The CONTRACTOR is responsible for the		
	reclamation and remediation of the TDSRS site to its original state prior to use by the		
	CONTRACTOR		
41.	Reporting and Documentation – The CONTRACTOR shall provide and submit to the Town	Price included	
	of Kiawah Island all reports and documents as may be necessary to <u>adequately</u> document		
	the <u>Debris Recovery Services</u> in accordance with FEMA/SC requirements		
42.	Navigation hazard removal for canals and rivers - The CONTRACTOR shall use equipment	Price included	
	rental type pricing and follow all appropriate regulatory concerns.		
43.	The cost tor emergency road clearance will be billed by hourly rates. See Hourly Fee		
	Schedule.		

Hourly Rate Schedule – Town of Kiawah Island

DESCRIPTION OF SERVICE	UNIT	UNIT COST
Backhoe - Rubber Tire Type, J.D. 310 or equal w/bucket & hoe	Hour	\$80.00
Bucket Truck - 50 Ft.	Hour	\$115.00
Bucket Truck - 50' to 75'	Hour	\$145.00
Chipper w/2-man Crew	Hour	\$94.00
Crane - 100 Ton (8 Hr. Minimum)	Hour	\$295.00
Crane - 50 Ton	Hour	\$210.00
Crane 30 Ton or larger	Hour	\$115.00
Dozer -D-6 or equivalent	Hour	\$155.00
Dozer-CAT D4 or equivalent	Hour	\$115.00
Dozer-Cat D8 or equivalent	Hour	\$95.00
Dump Truck - 5 CY	Hour	\$85.00
Dump Truck - Trailer, 50-80 cubic yard	Hour	\$115.00
Dump Truck-Tandem, 14-18 cubic yard	Hour	\$79.00
Dump Truck-Trailer, 24-40 CY	Hour	\$89.00
Dump Truck-Trailer, 41-60 CY	Hour	\$110.00
Dump Trailer w/Tractor, 30 to 40 CY	Hour	\$78.00
Dump Trailer w/Tractor, 41 to 50 CY	Hour	\$95.00
Dump Trailer w/Tractor, 51 to 60 CY	Hour	\$105.00
Dump Truck - 10 to 15 CY	Hour	\$120.00
Walking Floor Trailer w/Tractor, 100CY	Hour	\$115.00
Equipment Transports	Hour	\$130.00
Excavator - Cat 320 or equivalent	Hour	\$142.00
Excavator - Cat 325 or equivalent	Hour	\$165.00
Excavator - Cat 330 or equivalent	Hour	\$183.00
Excavator - Rubber Tired with debris grapple	Hour	\$132.00

Hourly Rate Schedule – Town of Kiawah Island

DESCRIPTION OF SERVICE	UNIT	UNIT COST
Farm Tractor w/Box blade	Hour	\$78.00
Feller Bunchers 611 Hydro-Ax or equivalent	Hour	\$167.00
Forklift - Extends Boom with debris grapple	Hour	\$89.00
Jetter Vac Truck	Hour	\$210.00
Loader - Bobcat, 753 or John Deere 648-E with debris grapple or equivalent	Hour	\$115.00
Loader - Front End, 544 or equal with debris grapple or equivalent	Hour	\$118.00
Loader - Knuckle boom -216 Prentice or equivalent	Hour	\$135.00
Loader - Self, Knuckle Boom Truck, 25-35 CY Body	Hour	\$143.00
Loader - Self, Knuckle Boom Truck, 35-45 CY Body	Hour	\$152.00
Loader - Skid Steer-753 Bobcat w/Bucket or equivalent	Hour	\$115.00
Loader - Steer-753 Bobcat Skid with Street Sweeper or equivalent	Hour	\$118.00
Loader - Towed w/Tractor, Prentice 210 or equivalent	Hour	\$125.00
Loader - Wheel JD 644, or equivalent, with debris grapple or equivalent	Hour	\$152.00
Loader - Wheel, Cat 955 or equivalent	Hour	\$162.00
Loader - Wheel, Cat 966 or equivalent	Hour	\$177.00
Loader - Wheel, JD 644, 2-3 CY Articulated w/Bucket or equivalent	Hour	\$159.00
Log skidder-JD 648E, or equivalent	Hour	\$149.00
Motor Grader-CAT 125 - 140HP or equivalent	Hour	\$135.00
Pickup Truck - Unmanned	Hour	\$17.50
Portable Light Plant	Hour	\$27.00
Power Screen	Hour	\$395.00
Loader-Self, Scraper CAT 623 or equivalent	Hour	\$147.00
Stacking Conveyor	Hour	\$76.00
Stump Grinder/ Vermeer 252 or equivalent	Hour	\$67.00
Street Sweeper	Hour	\$122.00
Sweeper – open air broom	Hour	\$49.00
Track hoe 690 J.D. or equivalent	Hour	\$155.00

Hourly Rate Schedule – Town of Kiawah Island

DESCRIPTION OF SERVICE	UNIT	UNIT COST
Truck - 1 ton Pickup	Day	\$149.00
Truck - 1/2-ton Pickup	Day	\$130.00
Truck - 3/4-ton Pickup	Day	\$140.00
Truck - 6 Wheel Drive Heavy Off Roads	Hour	\$139.00
Truck - Box	Day	\$165.00
Truck - Service	Hour	\$72.00
Truck - Supplies	Hour	\$65.00
Truck - Water	Hour	\$61.00
Utility Van	Day	\$172.00
Towed Beach sand cleaner and Tractor		\$ 125.00

DESCRIPTION OF SERVICE	UNIT	UNIT COST		
MISCELLANEOUS EQUIPMENT & SERVICES				
Hay bales	Each	\$14.10		
Staked Silt Fence	LF	\$3.25		
Fill Dirt	CY	\$12.00		
Tree Protection, as required	LF	\$4.75		
Dewater, as required	Hour	\$43.42		
Bagged Ice, 50/100 lbs.	per	\$0.39/lb		
Bottled Water, Palletized Truck Load	Lb.	\$0.16/lb		
Bulk Water, Tanker	Gal	\$2.92		
Water Tanker for Bulk Water, Tanker	Gal	\$0.75		
Light Tower w/Generator	Day	\$96.00		
Office Trailer, 40 ft	Day	\$175.00		
Portable Toilet, Single	Day	\$6.50		
Portable Toilet, Single	Week	\$38.00		

Hourly Rate Schedule -	- Town of Kiawah Island
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DESCRIPTION OF SERVICE	UNIT	UNIT COST
Personnel Rates		
Traffic Control Personnel	Hour	\$36.00
Laborer	Hour	\$34.00
Survey Person w/Truck	Hour	\$44.00
Inspector w/Vehicle	Hour	\$44.00
Chainsaw w/Operator	Hour	\$41.00
Foreman w/Truck	Hour	\$58.00
Superintendent w/Truck	Hour	\$67.00
Climber w/Gear	Hour	\$98.00
Mechanic w/Truck and Tools	Hour	\$72.00
Ticket Writers / Individual	Hour	\$28.00
Clerical / Individual	Hour	\$30.00
Program Management Services – Professional	Hour	\$85.00
Program Management Services – Administrative	Hour	\$72.00
Safety Inspector	Hour	\$68.00



1. <u>General</u>

Southern Disaster Recovery (SDR) will provide all management, equipment, operators, and laborers required for the establishment, operation, and maintenance to accept, process, reduce, incinerate, and dispose of disaster related debris. These Temporary Debris Management Sites (TDMSs) may utilize air curtain incineration and/or mechanical chipping/grinding to reduce vegetative and clean woody debris. The TDMSs may also be used as transfer points for depositing mixed Construction and Demolition (C&D) debris prior to reloading for final transport to an authorized landfill. SDR will manage the TDMSs to accept debris collected under other contracts.

Site selection will be done by the Contracting Authority at its own cost.

2. Site Operations Plan

Following identification by the contracting authority of the TDMSs, SDR will develop a Site Operations Plan for each site.

The plan will address the following:

- ✓ Site management, to include point-of-contact and organizational chart
- ✓ Site ingress and egress
 - Tracking rock coming on/off roadway
- ✓ Site preparation, including clearing, erosion control, and grading
 - Silt fencing in those areas that require it.
- ✓ Traffic control procedures
- ✓ Site security
- ✓ Site safety and health
 - Fire Extinguisher
 - First Aid kit
 - personal sanitation (porta-a-let)
 - hand washing station
 - Light plant for night operations
- ✓ Site layout/segregation plan, to include: air curtain incineration areas, mechanical chipping/grinding areas, ash storage or disposal areas, hazardous waste containment area, contractor work area, inspection tower, and safety zone clearance areas (100-foot clearance area between stockpiled debris and incineration operations, and 1000-foot clearance area from structures)
- ✓ Appropriate Heavy Equipment for the Operation
 - 1000 hp horizontal grinder
 - Air curtain incinerator (ACI)
 - o Tracked or wheeled Excavator; bucket with thumb to load Grinder or ACI
 - D-4 or Greater Dozer for mulch pile management
 - For high capacity TDMS locations; a second tracked Excavator to stack woody, vegetative material
 - Water truck for dust control and for air curtain incineration operations
- ✓ Environmental mitigation plan, including considerations for smoke, dust, noise, traffic, safety buffer zones, storm water runoff, historic preservation, wetlands, and endangered species as appropriate



3. Worksite Evaluation

While an entity's Risk Management Department may employ the appropriate and available loss control resources to evaluate and identify any potential exposures to worksite safety or health vulnerabilities, Southern Disaster Recovery (SDR) is committed to practices that reduce or eliminate incidences of or exposure to falls, electrocution, noise, cut/laceration hazards, high ambient temperatures, hazardous substances, or infectious materials.

Standard Safety Training

SDR is committed to deliver comprehensive health and safety training prior to employees being deployed to a project. We provide:

- General hazard instruction, including site conditions and work expectations.
- Dialogue regarding the common stressors for response and recovery workers, such as extended work shifts, adaptation issues, less than ideal sleeping and eating conditions, and critical incident stress concerns.
- Site-specific training as to unique hazardous conditions and the proper identification of specialized controls, equipment, work practices, and the PPE required. (NOTE: The additional controls may be identified in a Job Hazard Analysis (JHA) specifically developed for the task or operation.)
- Daily job briefings for the work plan, anticipated hazards, and required exposure controls.

Hazard Control

In conjunction with the entity, we will employ all appropriate actions to mitigate hazards according to the hierarchy of controls listed below:

- Elimination or substitution: Eliminate the hazard from the work area (e.g., repair or remove fallen electrical power lines before allowing other work to proceed in the area). <u>Although desirable, elimination and substitution may not be options for most airborne/chemical hazards created by a natural disaster</u>.
- Engineering controls: Take steps to reduce or eliminate exposure to a hazard by guarding the pinch points associated with a machine's moving parts, providing ventilation to a permit-required confined space, using heavy equipment with temperature-controlled cabs, and placing barriers around the swing radius of rotating heavy equipment.
- Work practice or administrative controls: Implement work procedures that reduce the probability of exposure. For example, use well-rested crews and daylight hours to perform hazardous or unfamiliar tasks, take frequent breaks during hot weather, remove non-essential personnel from the area during certain task/operations, and decontaminate equipment and personnel after contact with contaminated floodwater or chemicals. When possible, use water to suppress dust and work up-wind in dusty conditions. Where extensive hot-work is performed in the form of cutting and burning, use extended length torch handles to increase the distance from the individual's breathing zone to the generation of toxic fumes.
- Personal Protective Equipment (PPE): As appropriate, use proper PPE for the hazard and level of exposure. SDR will provide all necessary PPE for its employees at no cost to the employee.



General PPE recommended for all response/recovery tasks:

- **Foot protection:** ANSI-approved protective footwear for the activity being performed. Give special consideration to water protection in wet or flooded areas.
- Eye protection: Safety glasses with side shields.
- **Head protection:** Hard hats or helmets in areas where overhead or electrical hazards exist.
- **Appropriate work clothing:** Ensure protection where there is potential for cuts, abrasions, irritation, or overexposure to sunlight. Consideration should be given to heat and cold stress issues.
- Hand protection: Protection should be specific to job hazards (e.g., heavy-duty leather work gloves for handling debris with sharp edges and/or chemical protective gloves appropriate for chemicals potentially contacted).

Provide the following additional PPE, as required:

- Eye and face protection (specialty): Goggles, full-face shields, or other suitable protection as needed to protect against flying objects and liquid splash hazards.
- High-visibility apparel: High-visibility safety apparel and headwear along with other traffic safety measures, in areas where vehicles or heavy equipment are used. This is especially important when working in temporary roadway work zones.
- Hand protection (specialty): Appropriate gloves suitable for the tasks being performed (balancing dexterity with protection). Considerations include biological hazards (blood borne pathogens), chemical hazards, and physical hazards (abrasions, cuts, punctures, and heat). Vibration-dampening gloves should be used when vibration hazards exist (e.g., during jackhammer use).
- Work clothing and gear (specialty): Lanyards, harnesses, and supports for fall protection, and chemical protective clothing where contact with chemicals may occur.
- Leg protection: Snake boots or snake gaiters to protect against snakebites in areas where snakes are indigenous. Chaps when using chain saws.
- Respiratory protection: Appropriate respiratory protection necessary for the circumstances will be provided. <u>In all cases, surgical masks and dust masks that are</u> <u>not NIOSH-approved are not considered suitable respiratory protective devices.</u>
- Hearing protection: Earmuffs and/or earplugs should be utilized when working around potential noise sources. Hearing protection must be worn when noise levels exceed 90 dBA. (NOTE: If a conversation cannot be maintained in a normal speaking voice with a person who is standing at arm's length (approximately 3 feet), the noise level may exceed 90 dBA.)

Specialized PPE and procedures are required for employees who may be exposed to other hazards for which additional protection and procedures are needed (e.g., structural firefighting, confined-space entry, response to hazardous materials releases, asbestos or lead abatement, welding, cutting, and burning). If the evaluation of the work area/conditions reveals the presence of these explicit situations, the operation will be reassigned to a specialized contractor or employee(s) specifically trained and equipped to handle the hazard.

Training

Employees should be properly trained to recognize and avoid unnecessary hazards while performing any disaster debris related tasks. It is preferable to only use employees who are



already trained and proficient in the required skills for the job; however, should other employees be needed, job-specific training will be provided prior to the assignment. This training will typically be provided by the appropriate supervisory personnel and includes specific safety training, selection and use of appropriate PPE, and any other instruction as deemed necessary for the task or operation.

Note: Contracts with private vendors will require that they adhere to all industry safety standards including, but not limited to OSHA regulations where applicable, as well as the above outlined standards. Entity and contractor personnel may participate in general training/briefings as the situation warrants. Verification of any required training will be maintained by the appropriate personnel department and be available for inspection upon request.

Instances of observed non-compliance with any required procedure or regulation will be reported to the onsite Project Manager with appropriate remedial action taken as necessary

4. TDMSs Foreman - Day/Night Operations

SDR will provide site foremen for both day and night operations, who will be responsible for all oversight, including traffic control, dumping operations, segregation of debris, incineration and mechanical grinding operations, and site safety. Both foremen will be responsible for monitoring and documenting all equipment and labor utilized on the site. This information will be compiled with other daily reporting data and will be provided to the contracting authority by the Debris Operations Manager.

If multiple TDMSs are in operation, SDR will assign a site manager for all necessary oversight.

5. Site Assessment

Immediately upon taking occupancy of any site, SDR will conduct an initial site assessment to determine baseline conditions. This assessment will include visual inspection in the presence of a Contracting Authority representative, documentation of any existing improvements to or on the site, aerial and/or ground photography/videography, random soil samples, water samples from any existing wells located on the site, and review for any volatile organic compounds. Spot soil samples will be taken at the areas considered for the temporary storage of household hazardous waste, ash, and fuel storage areas. Photographs and/or GPS based maps and 3D laser scanning of the site will be updated as the use and configuration of the site changes.

6. Site Design

The sites will be designed so that air curtain incinerators are located a minimum of 1,000 feet from the nearest occupied building or as specified by the applicable state or local environmental regulatory entity. The area within 50 feet of the burn pits will be cleared of vegetative cover to reduce fire hazard. If pit burning is utilized, and the pit is situated on pervious soils, an impervious layer of clay, limestone, or synthetic material will be provided.

Vegetative debris will be centrally stored near the air curtain incinerators, but at a minimum of 100 feet away from the air curtain incinerators to reduce potential fire hazard. Roads should be designed with separate ingress and egress, where possible, to expedite truck flow in and out of the site. If possible, large turnaround areas will be constructed to enable simultaneous movement of multiple trucks.

To reduce hazards from flying debris, wood chipping operations will be located a minimum of 250 feet from all areas where personnel are actively working. If needed, access roads will be



constructed at each site. Crushed rock or gravel will be used to form a base that will prevent soil erosion, reduce dust generation, and provide truck access during inclement weather.

Additional applications of rock may be necessary for road maintenance as the project progresses. Additional reserves of rock should be maintained on site road to repair and rebuild roads for road relocation, mud accumulation, and compression of rock as a result of heavy truck traffic.

7. Site Preparation

SDR will be responsible for preparing the TDMSs to accept debris. This preparation may include clearing, erosion control, grading, constructing and maintaining haul roads, entrances, dumping pads, equipment washing areas, and burn pits. SDR will provide utility clearance and sanitary facilities, if needed. SDR will protect existing structures at the site(s) and repair any damage caused by our operations at no additional cost to the Contracting Authority.

8. Site Security

SDR will provide and maintain site security measures for all operations conducted at the TDMSs.

9. Inspection Towers

SDR will construct and maintain one Inspection Tower at each TDMS site. SDR and Contracting Authority personnel will conduct inspections, load volume estimations, and photograph each load of debris delivered to the site from the tower. Existing structures serving this purpose may be utilized following coordination between SDR and the Contracting Authority. Tower locations may be changed to support the progression of debris storage and reduction as well as normal traffic patterns on the site.

The towers may be constructed using pressure treated wood or metal scaffolding materials. The floor elevation of the tower will be such that it affords the Contracting Authority representative(s) and SDR personnel a complete view of the load bed of each piece of equipment that hauls debris to the site while allowing for the easy transfer of the debris removal load ticket between the Contracting Authority representative and the vehicle driver. The floor area will be a minimum of 8' x 8'. A 4' high wall, sturdily fastened to the structure to eliminate fall hazards, will protect the perimeter of the floor area. A roof will be constructed over the floor area, constructed to provide a minimum of 6'-6" of headroom. Steps with a handrail will provide access to the Inspection Tower.

To prevent falls, all personnel on the tower must be "tied-off" to the tower at all times.

> (Tower design is shown in the following two pages)



DEBRIS MANAGEMENT SITE PLAN

Plan View -Standard Inspection Tower



^{1/2&}quot; pressure treated 2x4 @ 16" O.C. with 1/2" pressure treated plywood on each side. (typical)



DEBRIS MANAGEMENT SITE PLAN



Note: All wood to be pressure treated.



10. Debris Unloading and Segregation

Trucks containing any waste other than vegetative debris will be directed through the disposal site to the C&D debris area of the disposal site.

Trucks insufficiently loaded will be noted and reported. Photos and live video may be utilized to record actual hauling equipment.

Trucks containing vegetative debris will be directed to the debris depository areas of the sites in an orderly manner via the ingress. Upon obtaining clearance from the designated flag person at the depository area, the trucks will back up, dump their load, and exit the site via the egress.

Once the debris has been deposited at the base of the debris storage pile, dozers and track hoes will be used to move and pile the debris. Debris piles will be compacted and constructed with a slope to prevent loose debris from rolling or falling down the sides of the piles.

When feasible, maximum effort will be made to salvage and/or recycle debris.

Only vegetative debris will be brought to the air curtain incinerator section of the disposal site. All non-vegetative debris will be segregated according to its type. Debris sorting will be done when it is picked up for transport to the burning pits. The vegetative waste at each site will be segregated into three basic categories: stumps, logs, and brush.

11. Debris Incineration

Debris eligible for incineration will be moved to the air curtain incinerator by a front-end loader. The air curtain incinerator will be loaded using a trackhoe. Burning will continue until the box/pit is approximately 1/3 full of ash. At that point, any large, partially burned logs will be removed and placed on an earthen area near the box/pit. After the ash has cooled, it will be removed and placed in an adjacent storage area. The storage area will be bermed or diked to prevent ash from being transported from the pit by storm water runoff during a rainfall event.

12. Debris Chipping

Tub grinders will be set up at each disposal site to convert some of the debris into wood chips suitable for use as mulch or fuel chips. A knuckleboom loader or trackhoe will be used to load debris into the grinder. The grinders will be primarily used for debris with high soil content such as stumps, which are not suitable for incineration. Due to the noise generated by the grinders and the hazard of debris being ejected from the tub, the grinders will be set up at least 150 to 200 feet from all other work areas. The 200-foot boundary will be marked by physical barriers, caution tape, and have appropriate signage.

A dozer should be used to stockpile mulch as it is processed by the tubgrinders. Large amounts of processed debris will produce large mulch piles. Consideration should be given to the amount of material that will be chipped and adequate space should be allotted for stockpiled mulch. The piles should be at least 50 feet away from the tubgrinder.

The temperature of the stockpiled mulch should be monitored to prevent spontaneous combustion. If the temperature approaches or exceeds 150 degrees Fahrenheit, the stockpile should be rolled to release the heat buildup. The environmental monitors will record the temperatures of all debris piles on a daily basis.



13. Fire Protection

SDR will manage all site operations to minimize the risk of uncontrolled/uncontained fire. Twentypound all-purpose fire extinguishers should be strategically stationed around the incinerators/burn pits and specifically around the debris piles with the heaviest concentration of debris. The number of fire extinguishers will vary depending on the size of the TDMSs. At no time should a fire extinguisher be located further than a 1-minute round-trip walking distance from any point on the site. Site conditions may necessitate having additional water-filled extinguishers and readily available hand tools, such as fire rakes.

14. Ash Containment Area

SDR will contain, store, and remove ash from all incineration operations. The ash containment area will be wet down periodically for the duration of operations to prevent particles from becoming airborne.

15. Household Hazardous Waste Containment

SDR will construct a containment area at each TDMS for any hazardous waste inadvertently delivered to the site. The containment area will be a minimum of 30" x 30". The perimeter of the containment area will be constructed with an earthen berm or hay/straw bales that are staked in place. The area will be lined with a heavy gage, non-permeable plastic to provide a waterproof barrier. Additional heavy gage, non-permeable plastic sufficient in size to cover the entire containment area will be kept on site and used to prevent rain from entering the containment area. To direct run-off away from the protected area, the site will be sloped appropriately to provide necessary grading.

16. Site Closure

SDR will close each TDMS within 30 calendar days of completing the reduction or transfer all delivered debris to an authorized landfill. Site closure will include removing site equipment, debris, and all remnants from the processing operation; grading the site; and restoring the site to pre-occupancy conditions. The site(s) will be restored in accordance with all state, tribal, and local requirements.

SDR will be responsible for the proper disposal of non-burnable debris, ash, wood chips, and hazardous and toxic wastes.

SDR will conduct a final inspection of the site along with a Contracting Authority representative to receive final approval of the site closure.