

RESOLUTION NO. 14-12

A RESOLUTION OF THE MAYOR AND THE CITY COUNCIL OF THE CITY OF DORAL, FLORIDA APPROVING THE USE OF THE EXISTING AGREEMENT BETWEEN BROWARD COUNTY AND LEIDOS, INC. FOR THE PROVISIONS OF DISASTER DEBRIS MONITORING SERVICES FOR THE CITY OF DORAL IN A NOT TO EXCEED AMOUNT OF \$1,250,000.00, WHICH WAS COMPETITIVELY ENTERED INTO IN A MANNER SIMILAR TO THAT SET FORTH IN CHAPTER 2, ARTICLE V, OF THE CITY CODE; AUTHORIZING THE CITY MANAGER TO EXPEND BUDGETED FUNDS ON BEHALF OF THE CITY WITH RESPECT TO THE AGREEMENT APPROVED HEREIN; AND PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, in July 2013 Broward County went out to bid for debris monitoring services with Solicitation No. M1110901B1; and

WHEREAS, the competitively bid contract was awarded to Leidos, Inc. (formerly SAIC) on October 22, 2013; and

WHEREAS, the contract awarded to Leidos, Inc. provides lower costs than the previous SAIC Broward County Contract adopted and approved by the City in Resolution No. 12-26; and

WHEREAS, the City's current Disaster Debris Monitoring Services contract with SAIC expired in December 2013; and

WHEREAS, pursuant to Section 2-322 of the City Code, Staff respectfully requests that the City Council approve the use of an existing agreement between Broward County, Florida and Leidos, Inc., a copy of which is attached as Exhibit "A," which was competitively entered into in a manner similar to that set forth in Chapter 2, Article V, of the City Code, to perform Disaster Debris Monitoring Services for the City of Doral in a not

to exceed amount of \$1,250,000.00 and a duration of three (3) years with the option to renew for an additional two one (1) year periods.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DORAL AS FOLLOWS:

Section 1. Recitals. The above recitals are true and correct and incorporated herein.

Section 2. Approval. The City Council hereby waives the Request for Proposal process and authorizes the City Manager to negotiate and enter into an agreement with Leidos, Inc. under the terms and conditions of the existing contract with Broward County and the mutually agreed amendments to perform Disaster Debris Monitoring Services for The City of Doral.

Section 3. Effective Date. This Resolution shall take effect immediately upon adoption.

The foregoing resolution was offered by Councilmember Rodriguez who moved its adoption. The motion was seconded by Councilmember Rodriguez Aguilera and upon being put to a vote, the vote was as follows:

Mayor Luigi Boria	No
Vice Mayor Christi Fraga	Yes
Councilwoman Ana Maria Rodriguez	Yes
Councilwoman Bettina Rodriguez Aguilera	Yes
Councilwoman Sandra Ruiz	No

PASSED and ADOPTED this 15th day of January, 2014



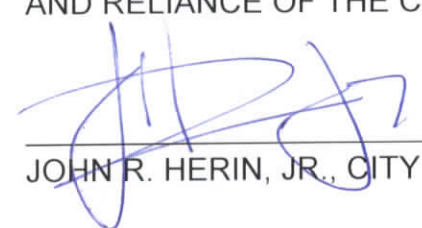
LUIGI BORIA, MAYOR

ATTEST:



BARBARA HERRERA, CITY CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY FOR THE USE
AND RELIANCE OF THE CITY OF DORAL ONLY:



JOHN R. HERIN, JR., CITY ATTORNEY

EXHIBIT “A”



Finance and Administration Services Department

PURCHASING DIVISION

115 S. Andrews Avenue, Room 212, Fort Lauderdale, Florida 33301 | 954-357-6066 | FAX 954-357-8535 | broward.org/Purchasing

Hours of Operation: Monday through Friday 8:30 a.m. to 5:00 p.m.

ADDENDUM NO. 1

Solicitation No.: M1110901B1
Solicitation Title: Disaster Debris Monitoring Services (NSM)

Date Of Addendum: July 17, 2013

Attention all potential bidders:

Should Addendum: Information included in this Addendum is for clarification purposes. This Addendum SHOULD be acknowledged on the Bid Sheet Form or returned with your Bid submittal.

To all prospective bidders, please note the following changes and clarifications:

Words in ~~strikethrough~~ type are deletions from existing text. Words in **bold underlined** type are additions to existing text.

1. The Bid Opening Date remains as July 31, 2013 at 2:00 p.m
2. The Invitation for Bid, General Conditions, Paragraph 16, Interpretations, is revised to the following:
"Interpretations: Any questions concerning technical conditions and specifications of this bid shall be directed in writing to the Purchasing Division no later than 5:00 p.m. on **July 23, 2013**. No interpretation(s) shall be considered binding unless provided to all Bidders in writing by the Director of Purchasing." Questions should be emailed to both the Purchasing Agent and the Contract Coordinator indicated in the bid. The County is not obligated to answer technical questions received after this date.
3. Special Instructions to Bidders, Section 5, Pre-Bid Conference is revised as follows:

Date:	<u>Pre-Bid Conference</u> Friday, July 19, 2013	<u>Monday, July 22, 2013</u>
Time:	9:30 A.M.	<u>2:30 P.M.</u>
Location:	Government Center West 2nd Floor Hearing Room (#2) 4 University Drive Plantation, FL 33324	<u>Government Center East Room 302 115 S. Andrews Ave. Fort Lauderdale, FL 33301</u>

All other terms, conditions and specifications remain unchanged for this bid.

NAME OF COMPANY: Science Applications International Corporation



1.

Finance and Administration Services Department

PURCHASING DIVISION

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ADDENDUM NO. 2

Solicitation No.: M1110901B1
Solicitation Title: Disaster Debris Monitoring Services (NSM)

Date Of Addendum: July 26, 2013

Attention all potential bidders:

Should Addendum: Information included in this Addendum is for clarification purposes. This Addendum SHOULD be acknowledged on the Bid Sheet Form or returned with your Bid submittal.

To all prospective bidders, please note the following changes and clarifications:

Words in ~~striktthrough~~ type are deletions from existing text. Words in **bold underlined** type are additions to existing text.

1. The Bid Opening Date has been revised as follows: **Wednesday, August 7, 2013 at 2:00 p.m.**
Location remains the same.
2. SPECIAL INSTRUCTIONS TO BIDDERS
Section 9, Office of Economic and Small Business Requirements, Subsection 9.8 adds the following:
9.8.4 Bidder shall pay its CBE subcontractors and suppliers, within fifteen (15) days following receipt of payment from County for such subcontracted work and pay all other subcontractors and suppliers within thirty (30) days following receipt of payment from County for such subcontracted work or supplies. If Bidder withholds an amount from CBE subcontractors or suppliers as retainage, such retainage shall be released and paid within fifteen (15) days following receipt of payment of retained amounts from County. For all other subcontractors or suppliers, if Bidder withholds an amount as retainage, such retainage shall be released and paid within thirty (30) days following receipt of payment of retained amounts from County.
3. ATTACHMENT "A", Section J, Davis-Bacon Act, the following is added:
The Davis-Bacon Act shall be applicable if required pursuant to the Florida Highway Administration (FHWA) Circular 1273.
4. ATTACHMENT "N", Sample Certificate of Insurance Requirement, the Attn./Contact Person for the Certificate Holder is revised as follows:
Attn: ~~Robert Rosenstein, SWRS~~ **Jennifer Domenech, SWRS**

5. Attachment "A-1", QUALIFICATIONS is added herein. Requested information/required documentation should be submitted with the bid and must be submitted within three (3) business days of County's request.
6. Attachment "D", Electronic Monitoring, the following is added:
If firm intends to utilize Electronic Monitoring, information regarding past experience should be submitted with the bid and must be submitted within three (3) business days of County request.

All other terms, conditions and specifications remain unchanged for this bid.

NAME OF COMPANY: Science Applications International Corporation

ATTACHMENT "A-1"

QUALIFICATIONS

Firm shall possess:

- Experience – field monitoring, processing site oversight, FEMA / Federal Reimbursement processes
- Oversight functions for multiple communities within the same jurisdiction
- Direct experience in Florida events / S. Florida events preferred
- Total Response - \$ 10 million threshold (last 3-5 years), includes debris contractors and monitoring costs
- Experience with dangerous trees (e.g. leaners and hangers) - \$ 500,000 threshold (last 3-5 years), includes debris contractors and monitoring costs
- Experience in preparing FEMA appeals – client representation

QUALIFICATIONS OF THE FIRM

Contractor shall provide a description and history of the firm with regard to previous governmental experience using the following guidelines:

- Recent experience demonstrating current capacity and current expertise in debris removal, solid waste, and hazardous waste management and disposal;
- Documented knowledge and experience of Federal, State, and Local emergency agencies, State and Federal programs, funding sources and reimbursement process;
- Recent experience managing disaster debris collection operations including, but not limited to, damage assessment, right-of-way debris removal programs, stump and leaner/hanger removal programs, processing site monitoring and FEMA reimbursement.

QUALIFICATIONS OF THE STAFF

Contractor shall provide an organizational chart, resumes and summary of staff qualifications. Key project staff (management staff including, but not limited to: Project Manager; Field Operations Manager; Data Manager; etc.) must be full time employees of the bidder and be able to demonstrate experience in the following:

- Current capacity and current expertise in debris removal, solid waste and hazardous waste management in addition to disposal;
- Managing debris monitoring for at least three (3) government entities;
- Documented knowledge and experience of Federal, State, and local emergency agencies, state and federal programs, funding sources and reimbursement processes; Project worksheet preparation, contractor procurements, hauler invoice reconciliation and appeals/reimbursement support.

SUBMIT BID TO:

Broward County Purchasing Division
115 S. Andrews Avenue, Room 212
Fort Lauderdale, Florida 33301-1801
954-357-6066

BOARD OF COUNTY COMMISSIONERS
BROWARD COUNTY, FLORIDA

INVITATION FOR BID

Bidder Acknowledgment

— GENERAL CONDITIONS —

THESE INSTRUCTIONS ARE STANDARD FOR ALL CONTRACTS FOR COMMODITIES/SERVICES ISSUED BY THE BOARD OF COUNTY COMMISSIONERS. THE BOARD OF COUNTY COMMISSIONERS MAY DELETE, SUPERSEDE OR MODIFY ANY OF THESE STANDARD INSTRUCTIONS FOR A PARTICULAR CONTRACT BY INDICATING SUCH CHANGE IN THE SPECIAL INSTRUCTIONS TO BIDDERS OR IN THE BID SHEETS. BY ACCEPTANCE OF A PURCHASE ORDER ISSUED BY THE COUNTY, BIDDER AGREES THAT THE PROVISIONS INCLUDED WITHIN THIS INVITATION FOR BID SHALL PREVAIL OVER ANY CONFLICTING PROVISION WITHIN ANY STANDARD FORM CONTRACT OF THE BIDDER REGARDLESS OF ANY LANGUAGE IN BIDDER'S CONTRACT TO THE CONTRARY.

BIDDER ACKNOWLEDGEMENT MUST BE SIGNED AND RETURNED WITH YOUR BID

SEALED BIDS: This form must be executed and submitted with all bid sheets and should be in a sealed envelope. (PLEASE INCLUDE ONE ORIGINAL SIGNED BID DOCUMENT IN BLUE INK AND ONE PHOTOCOPY OF SIGNED BID DOCUMENT PER ENVELOPE). The face of the envelope should contain the above address, the date and the time of bid opening, and bid number. Bids not submitted on attached bid may be rejected. All bids are subject to the conditions specified herein. Those which do not comply with these conditions are subject to rejection.

- EXECUTION OF BID:** A. Bid must contain an original signature of an individual authorized to bind the bidder. Bid must be typed or printed in ink. The ink should be blue ink. All corrections made by bidder to their bid must also be initialed. The bidder's name should also appear on each page of the bid sheet if required. B. No award will be made to a bidder who is delinquent in payment of any taxes, fees, fines, contractual debts, judgments, or any other debts due and owed to the County, or is in default on any contractual or regulatory obligation to the County. By signing and submitting this bid, bidder attests that it is not delinquent in payment of any taxes, fees, fines, contractual debts, judgments or any other debts due and owed to the County, nor is it in default on any contractual or regulatory obligation to the County. In the event the bidder's statement is discovered to be false, bidder will be subject to debarment and the County may terminate any contract it has with bidder. C. Bidder certifies by signing the bid that no principals or corporate officers of the firm were principals or corporate officers in any other firm which may have been suspended or debarred from doing business with Broward County within the last three years, unless so noted in the bid documents. D. By signing this bid, bidder attests that any and all statements, oral, written or otherwise, made in support of this bid, are accurate, true and correct. Bidder acknowledges that inaccurate, untruthful, or incorrect statements made in support of this bid may be used by the County as a basis for rejection of this bid, rescission of the award, or termination of the contract. Bidder acknowledges that the termination of the contract because of a determination of an inaccurate, untruthful, or incorrect statement made in support of this bid may also serve as the basis for debarment of bidder pursuant to Section 21-119 of the Broward County Administrative Code.

- BID WITHDRAWAL:** No Vendor may withdraw their bid before the expiration of one hundred and twenty (120) days from the date of the bid opening. Any bid submitted which alters the one hundred and twenty (120) day requirement shall be deemed non-responsive.

(Continued on Page 2)

BIDS WILL BE OPENED 2:00 p.m. July 31, 2013
and may not be withdrawn within 120 calendar days after such date and time.

BID TITLE

DISASTER DEBRIS MONITORING SERVICES
(NON-SHELTERED MARKET)

BID NO. M1110901B1

PURCHASING AGENT NAME & TELEPHONE NUMBER

RANDY PLUNKETT (954) 357-6630

DELIVERY DATE**SEE SPECIAL INSTRUCTION****CASH DISCOUNT TERMS**

BID GUARANTY IS ATTACHED, WHEN REQUIRED, IN
THE AMOUNT OF \$

REASON FOR NO BID**DUN & BRADSTREET NUMBER****BIDDER NAME**

Science Applications International Corporation

BIDDER MAILING ADDRESS/CITY/STATE/ZIP

2301 Lucien Way, Suite 120, Maitland, FL 32751

AREA CODE**TELEPHONE NO.****CONTACT PERSON**

(321) 441-8518

Betty Kamara

FAX NO.

(321) 441-8501

BIDDERS E-MAIL ADDRESS

betty.v.kamara@saic.com


*AUTHORIZED SIGNATURE

(submit original in blue ink)

8 / 5 / 13

DATE

Betty Kamara, Contracts Administrator

PRINT NAME

TITLE

*I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm or person submitting a bid for the same items/services, and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this bid and certify that I am authorized to sign this bid for the bidder. Further by signature of this form, pages 1 through 6 are acknowledged and accepted as well as any special instruction sheet(s) if applicable.

3. **BID OPENING:** Shall be public, on date, location and time specified on the bid form. The official time is the time clock located in the Purchasing Division reception area and will be accepted by all parties without reservation. It is the bidder's responsibility to assure that their bid is delivered on date, location and time specified on the bid form. Bids, which for any reason are not so delivered, will not be considered. Bid files and any bids after they are opened may be examined during normal working hours by appointment. Bid tabulations are available for inspection upon request. Bid results will be posted on the Broward County web site at: www.broward.org/purchasing/results.
4. **ADDENDA TO BID:** Broward County reserves the right to amend this Invitation For Bid prior to the Bid opening date indicated. Only written addenda will be binding. If, upon review, material errors in specifications are found, contact the Purchasing Division immediately, prior to Bid opening date, to allow for review and subsequent clarification on the part of Broward County.
5. **PRICES, TERMS & PAYMENTS:** Firm prices shall be bid and include all handling, set up, shipping and inside delivery charges to the destination shown herein unless otherwise indicated.
 - (a) **The Bidder:** in submitting this bid certifies that the prices quoted herein are not higher than the prices at which the same commodity(ies) or service(s) is sold in approximately similar quantities under similar terms and conditions to any purchaser whomsoever.
 - (b) **F.O.B.** — as specified in Special Instructions to bidder.
 - (c) **Tie Bids:** The award on tie bids will be decided by the Director of the Purchasing Division in accordance with the provisions of the Procurement Code.
 - (d) **TAXES:** Broward County is exempt from Federal Excise and Florida Sales taxes on direct purchase of tangible property. Exemption numbers appear on purchase order. The Contractor shall pay all applicable sales, consumer, land use, or other similar taxes required by law. The Contractor is responsible for reviewing the pertinent State Statutes involving the sales tax and complying with all requirements.
 - (e) **DISCOUNTS:** Bidders may offer a cash discount for prompt payment. However, such discounts will not be considered in determining the lowest net cost for bid evaluation purposes. Bidders should reflect any discounts to be considered in the bid evaluation in the unit prices bid.
 - (f) **MISTAKES:** Bidders are cautioned to examine all specifications, drawings, delivery instructions, unit prices, extensions and all other special conditions pertaining to the bid. Failure of the bidder to examine all pertinent documents shall not entitle them to any relief from the conditions imposed in the contract. In case of mistakes in extension, the unit price shall govern. Multiplication or addition errors are deemed clerical errors and shall be corrected by the County.
 - (g) **ORDERING:** The Board of County Commissioners reserves the right to purchase commodities/services specified herein through contracts established by other governmental agencies or through separate procurement actions due to unique or special needs. If an urgent delivery is required, within a shorter period than the delivery time specified in the contract and if the seller is unable to comply therewith, the Board of County Commissioners reserves the right to obtain such delivery from others without penalty or prejudice to the County or to the seller.
6. **OPEN-END CONTRACT:** No guarantee is expressed or implied as to the total quantity of commodities/services to be purchased under any open end contract. Estimated quantities will be used for bid comparison purposes only. The Board of County Commissioners reserves the right to issue purchase orders as and when required, or, issue a blanket purchase order for individual agencies and release partial quantities or, issue instructions for use of Direct Purchase Orders by various County agencies, or, any combination of the preceding. No delivery shall become due or be acceptable without a written order or shipping instruction by the County, unless otherwise provided in the contract. Such order will contain the quantity, time of delivery and other pertinent data. However, on items urgently required, the seller may be given telephone notice, to be confirmed by an order in writing.
7. **CONTRACT PERIOD (OPEN-END CONTRACT):** The initial contract period shall start with the expiration date of the previous contract or date of award, whichever is latest, and shall terminate one (1) year from that date. The contractor will complete delivery and the County will receive delivery on any orders mailed to the contractor prior to the date of expiration. The Director of Purchasing may renew this contract for a second period subject to vendor acceptance, satisfactory performance and determination that renewal will be in the best interest of the County. Notification of Intent to Renew will be mailed sixty (60) calendar days in advance of expiration date of this contract. All prices, terms and conditions shall remain firm for the initial period of the contract and for any renewal period unless subject to price adjustment specified as a "special condition" hereto.

In the event services are scheduled to end because of the expiration of this contract, the Contractor shall continue the service upon the request of the Director of Purchasing. The extension period shall not extend for more than ninety (90) days beyond the expiration date of the existing contract. The Contractor shall be compensated for the service at the rate in effect when this extension clause is invoked by the County.
8. **FIXED CONTRACT QUANTITIES:** Purchase order(s) for full quantities will be issued to successful bidder(s) after notification of award and receipt of all required documents. Fixed contract quantities up to twenty (20) percent of the originally specified quantities may be ordered prior to the expiration of one (1) year after the date of award, provided the Contractor agrees to furnish such quantities at the same prices, terms and conditions.
9. **AWARDS:** If a specific basis of award is not established in the special instructions to bidders, the award shall be to the responsible bidder with the lowest responsive bid meeting the written specifications. As the best interest of the Board of County Commissioners may require, the right is reserved to make award(s) by individual commodities/services, group of commodities/services, all or none or any combination thereof. When a group is specified, all items within the group must be bid. A bidder desiring to bid "No Charge" on an item in a group must so indicate, otherwise the bid for the group will be construed as incomplete and may be rejected. However, if bidders do not bid all items within a group, the County reserves the right to award on an item by item basis. When a group bid is indicated for variable quantities and the bid for the group shows evidence of unbalanced bid prices, such bid may be rejected. The Director of Purchasing, or the Board of County Commissioners, whichever is applicable reserves the right to waive technicalities and irregularities and to reject any or all bids.
10. **PAYMENT:** Payment for all goods and services shall be made in a timely manner and in accordance with Florida Statutes, Section 218.70, Florida Prompt Payment Act and the Broward County Prompt Payment Ordinance (No. 89-49)

as amended. All applications for Payment shall be submitted to Broward County Accounting Division. Payment will be made by the County after commodities/services have been received, accepted and properly invoiced as indicated in contract and/or order. Invoices must bear the purchase order number.

11. **DELIVERY:** Delivery time shall be computed in calendar days from the issuance date of purchase order. Although, actual requested date or number of calendar days for delivery may be specified, state number of calendar days required to make delivery and installation after issuance of purchase order or request for services in space provided. Unless otherwise stipulated in the Contract, delivery shall be made between 9:00 a.m. and 4:00 p.m., Monday through Friday, except holidays, and at other time by special arrangements. However goods required for daily consumption, or where the delivery is an emergency, a replacement, or is overdue, the convenience of the Division shall govern. If, in calculating the number of calendar days from the order date, the delivery date falls on a Saturday, Sunday or holiday, delivery shall be made no later than next succeeding business day. Delivery time may be considered in determining award.

12. **TERMINATION:**

- (a) **AVAILABILITY OF FUNDS:** If the term of this contract extends beyond a single fiscal year of the County, the continuation of this Contract beyond the end of any fiscal year shall be subject to the availability of funds from the County in accordance with Chapter 129, Florida Statutes. The Broward County Board of County Commissioners shall be the final authority as to availability of funds and how such available funds are to be allotted and expended. In the event funds for this project/purchase are not made available or otherwise allocated Broward County may terminate this contract upon thirty (30) days prior written notice to the contractor.
- (b) **NON PERFORMANCE:** The Contract may be terminated for cause by the Awarding Authority for the County if the party in breach has not corrected the breach within ten (10) days after written notice from the aggrieved party identifying the breach. Cause for termination shall include, but not be limited to, failure to suitably perform the work, failure to suitably deliver goods in accordance with the specifications and instructions in this Bid, failure to continuously perform the work in a manner calculated to meet or accomplish the objectives of the County as set forth in this Bid, or multiple breach of the provisions of this Bid notwithstanding whether any such breach was previously waived or cured.
- (c) **TERMINATION FOR CONVENIENCE:** The Awarding Authority may terminate the Contract for convenience upon no less than thirty (30) days written notice. In the event the Contract is terminated for convenience, Bidder shall be paid for any goods properly delivered and services properly performed to the date the Contract is terminated; however, upon being notified of County's election to terminate, Bidder shall cease any deliveries, shipment or carriage of goods, and refrain from performing further services or incurring additional expenses under the terms of the Contract. In no event will payment be made for lost or future profits. Bidder acknowledges and agrees that ten dollars (\$10.00) of the compensation to be paid by County, the adequacy of which is hereby acknowledged by Bidder, is given as specific consideration to Bidder for the County's right to terminate this Contract.

13. **CONDITIONS AND PACKAGING:** Unless otherwise stated in the special instructions to bidders or the bid sheets, or specifically ordered from an accepted price list, deliveries must consist only of new and unused goods and shall be the current standards production model available at the time of

the bid. The goods must be suitably packaged for shipment by common carrier. Each container or multiple units or items otherwise packaged shall bear a label, imprint, stencil or other legible markings stating name of manufacturer or supplier, purchase order number and any other markings required by specifications, or other acceptable means of identifying vendor and purchase order number.

14. **SAFETY STANDARDS:** Unless otherwise stipulated in the bid, all manufactured items and fabricated assemblies shall comply with applicable requirements of Occupational Safety and Health Act and any standards thereunder. In compliance with Chapter 442, Florida Statutes, any toxic substance listed in Section 38F-41.03 of the Florida Administrative Code delivered from a contract resulting from this bid must be accompanied by a Material Safety Data Sheet (MSDS). A Material Safety Data Sheet (MSDS) should also be submitted to the Broward County Risk Management Division, 115 South Andrews Avenue, Room 210, Fort Lauderdale, Florida 33301-1803. The MSDS must include the following information.

- (a) The chemical name and the common name of the toxic substance.
- (b) The hazards or other risks in the use of the toxic substance, including:
1. The potential for fire, explosion, corrosivity, and reactivity;
 2. The known acute and chronic health effects of risks from exposure, including the medical conditions which are generally recognized as being aggravated by exposure to the toxic substance; and
 3. The primary routes of entry and symptoms of overexposure.
- (c) The proper precautions, handling practices, necessary personal protective equipment, and other safety precautions in the use of or exposure to the toxic substances, including appropriate emergency treatment in case of overexposure.
- (d) The emergency procedure for spills, fire, disposal, and first aid.
- (e) A description in lay terms of the known specific potential health risks posed by the toxic substance intended to alert any person reading this information.
- (f) The year and month, if available, that the information was compiled and the name, address, and emergency telephone number of the manufacturer responsible for preparing the information.

15. **MANUFACTURERS NAME AND APPROVED EQUIVALENTS:** Manufacturer's names, trade names, brand names, information and/or catalog numbers listed in a specification are for information and establishment of quality level desired and are not intended to limit competition unless otherwise specified in the bid. The bidder may offer any brand which meets or exceeds the specifications for any item(s). If bids are based on equivalent products, indicate on the bid form the manufacturer's name and catalog number. Bidder shall submit with the bid complete descriptive literature and/or specifications. The bidder should also explain in detail the reason(s) why and submit proof that the proposed equivalent will meet the specifications and not be considered an exception thereto. Broward County Board of County Commissioners reserves the right to be the sole judge of what is equal and acceptable. Bids which do not comply with these requirements are subject to rejection. If Bidder fails to name a substitute it will be assumed that the bidder will furnish goods identical to bid standard.

16. **INTERPRETATIONS:** Any questions concerning conditions and specifications of this bid shall be directed in writing to the Purchasing Division a minimum of seven (7) business days prior to bid opening. No interpretation(s) shall be considered binding unless provided to all Bidders in writing by the Director of Purchasing.
17. **NON-CONFORMANCE TO CONTRACT CONDITIONS:** The County may withhold acceptance of, or reject any items which are found, upon examination, not to meet the specification requirements. Upon written notification of rejection, items shall be removed within five (5) calendar days by the Vendor at their expense and redelivered at their expense. Rejected goods left longer than thirty (30) days will be regarded as abandoned and the Board shall have the right to dispose of them as its own property. On foodstuffs and drugs, no written notice or rejection need be given. Upon verbal notice to do so, the Vendor shall immediately remove and replace such rejected merchandise at their expense. Rejection for non-conformance, failure to provide services conforming to specifications, or failure to meet delivery schedules may result in contractor being found in default.
18. **INSPECTION, ACCEPTANCE AND TITLE:** Inspection and acceptance will be at destination. Title and risk of loss or damage to all items shall be the responsibility of the contractor until accepted by the County.
19. **GOVERNMENTAL RESTRICTIONS:** In the event any governmental restrictions may be imposed which would necessitate alteration of the material quality, workmanship or performance of the items offered on this bid prior to their delivery, it shall be the responsibility of the successful bidder to notify the County at once, indicating in their letter the specific regulation which required an alteration. The Board of County Commissioners reserves the right to accept any such alteration, including any price adjustments occasioned thereby, or to cancel the contract at no further expense to the County.
20. **LEGAL REQUIREMENTS:** Applicable provisions of all Federal, State of Florida, County and local laws, and of all ordinances, rules and regulations including the Procurement Code of Broward County shall govern development, submittal and evaluation of bids received in response hereto and shall govern any and all claims and disputes which may arise between person(s) submitting a bid in response hereto and Broward County by and through its officers, employees and authorized representative, or any other person natural or otherwise in addition to any resultant agreement. Lack of knowledge by any bidder shall not constitute a recognizable defense against the legal effect thereof.
21. **INDEMNIFICATION:** BIDDER shall at all times hereafter indemnify, hold harmless and, defend COUNTY, its officers, agents, servants, and employees from and against any and all causes of action, demands, claims, losses, liabilities and expenditures of any kind, including attorney fees, court costs, and expenses, caused or alleged to be caused by intentional or negligent act of, or omission of, BIDDER, its employees, agents, servants, or officers, or accruing, resulting from, or related to the subject matter of this Agreement including, without limitation, any and all claims, losses, liabilities, expenditures, demands or causes of action of any nature whatsoever resulting from injuries or damages sustained by any person or property. In the event any lawsuit or other proceeding is brought against COUNTY by reason of any such claim, cause of action or demand, BIDDER shall, upon written notice from COUNTY, resist and defend such lawsuit or proceeding by counsel satisfactory to COUNTY or, at COUNTY's option, pay for an attorney selected by County Attorney to defend COUNTY. To the extent considered necessary by the Contract Administrator and the County Attorney, any sums due BIDDER under this Agreement may be retained by COUNTY until all of COUNTY's claims for indemnification pursuant to this Agreement have been settled or otherwise resolved; and any amount withheld shall not be subject to payment of interest by COUNTY. The provisions and obligations of this section shall survive the expiration or earlier termination of this Agreement.
22. **NOTICE:** Written notice provided pursuant to this Contract shall be sent by certified United States Mail, postage prepaid, return receipt requested, or by hand-delivery with a request for a written receipt of acknowledgment of delivery, addressed to the party for whom it is intended at the place last specified. The place for giving notice shall remain the same as set forth herein until changed in writing in the manner provided in this section. For the present, the County designates:
- Director, Broward County Purchasing Division
115 S. Andrews Avenue, Room 212
Fort Lauderdale, FL 33301-1801
- Bidder shall identify in the Bid a designated person and address to whom notice shall be sent when required by the Contract.
23. **JURISDICTION, VENUE, WAIVER OF JURY TRIAL:** The Contract shall be interpreted and construed in accordance with and governed by the laws of the state of Florida. Any controversies or legal problems arising out of the Contract and any action involving the enforcement or interpretation of any rights hereunder shall be submitted to the jurisdiction of the State courts of the Seventeenth Judicial Circuit of Broward County, Florida, the venue situs, and shall be governed by the laws of the state of Florida. By entering into this Contract, Bidder and County hereby expressly waive any rights either party may have to a trial by jury of any civil litigation related to this Contract.
24. **PATENTS AND ROYALTIES:** The bidder, without exception, shall indemnify and save harmless and defend the County, its officers, agents and employees from liability of any nature or kind, including but not limited to attorney's fees, costs and expenses for or on account of any copyrighted, patented or unpatented invention, process, or article manufactured or used in the performance of the contract, including its use by the County. If the bidder uses any design, device, or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the bid prices shall include all royalties or cost arising from the use of such design, device, or materials in any way involved in the work. This provision shall survive the expiration or earlier termination of the contract.
25. **ASSIGNMENT, SUBCONTRACT:** Contractor shall not transfer, convey, pledge, subcontract or assign the performance required by this bid without the prior written consent of the Director of Purchasing. Any Award issued pursuant to this bid invitation and the monies which may become due hereunder are not assignable, transferrable, or otherwise disposable except with the prior written consent of the Director of Purchasing.
26. **QUALIFICATIONS OF BIDDER:** Bids will be considered only from firms normally engaged in providing the types of commodities/services specified herein. The Director of Purchasing or the Board of County Commissioners, reserves the right to inspect the facilities, equipment, personnel and organization or to take any other action necessary to determine ability to perform in accordance with specifications, terms and conditions. The Director of Purchasing or the Board of County Commissioners will determine whether the evidence of ability to perform is satisfactory and reserves the right to reject bids where evidence or evaluation is determined to indicate inability to perform. The Director of Purchasing or the Board of County Commissioners reserves the right to

consider a bidder's history of citations and/or violations of Environmental regulations in determining responsibility. Bidder should submit with his proposal a complete history of all citations and/or violations notices and dispositions thereof. Failure of a Bidder to submit such information may be grounds for termination of any contract awarded to successful Bidder. Bidder shall notify the County immediately of notice of any citations or violations which they may receive after the Bid or Proposal opening date and during the time of performance under any Contract awarded to them.

27. **EQUAL EMPLOYMENT OPPORTUNITY:** No Contractor shall discriminate against any employee or applicant for employment because of race, religion, age, color, sex or national origin, sexual orientation (including but not limited to Broward County Code, Chapter 16½), marital status, political affiliation, disability, or physical or mental handicap if qualified. Contractor shall take affirmative action to ensure that applicants are employed, and that employees are treated during their employment without regard to their race, religion, age, color, sex or national origin, sexual orientation, marital status, political affiliation, disability, or physical or mental handicap. Such actions shall include, but not be limited to the following: employment, upgrading, demotion, or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation; and selection of training, including apprenticeship. The Contractor agrees to post in conspicuous places available to employees and applicants for employment, notices setting forth the provisions of this non-discrimination clause.

The contractor selected to perform work on a County project must include the foregoing or similar language in its contracts with any subcontractors or sub consultants, except that any project assisted by U.S. Department of Transportation funds shall comply with the non-discrimination requirements in Title 49 C.F.R. Parts 23 and 26, as amended. The Subcontractors, if any, will be made aware of and will comply with this nondiscrimination clause. Failure to comply with above requirements is a material breach of the contract, and may result in the termination of this contract or such other remedy as the County deems appropriate.

28. **MODIFICATIONS:** All changes to purchase orders shall be by issuance of a change order. Any modifications or changes to any contract entered into as a result of this bid must be by written amendment with the same formality and of equal dignity prior to the initiation of any such change.

29. **RESOLUTION OF PROTESTED SOLICITATIONS AND PROPOSED AWARDS:** In accordance with Sections 21.118 and 21.120 of the Broward County Procurement Code, if a vendor intends to protest a solicitation or proposed award of a contract the following apply:

- (a) Any protest concerning the bid or other solicitation specifications, or requirements must be made and received by the County within seven (7) business days from the posting of the solicitation or addendum on the Purchasing Division's website. Such protest must be made in writing to the Director of Purchasing. Failure to timely protest bid specifications or requirements is a waiver of the ability to protest the specifications or requirements.
- (b) Any protest concerning a solicitation or proposed award above the authority of the Director of Purchasing, after the bid opening, shall be submitted in writing and received by the County within five (5) business days from the posting of the recommendation for award on the Purchasing Division's website.

- (c) Any actual or prospective bidder or offeror who has a substantial interest in and is aggrieved in connection with proposed award of a contract which does not exceed the amount of the award authority of the Director of Purchasing, may protest to the Director of Purchasing. The protest shall be submitted in writing and received within three (3) business days from the posting of the recommendation of award on the Purchasing Division's website.

- (d) For purposes of this section a business day is defined as Monday through Friday between 8:30am and 5:00pm. Failure to timely file a protest within the time prescribed for a solicitation or proposed contract award shall be a waiver of the vendor's right to protest.

- (e) As a condition of initiating any bid protest, the protestor shall present the Director of Purchasing a nonrefundable filing fee. The filing fee shall be based upon the estimated contract amount. For purposes of the protest, the estimated contract amount shall be the contract bid amount submitted by the protestor. If no contract bid amount was submitted, the estimated contract amount shall be the County's estimated contract price for the project. The County may accept cash, money order, certified check, or cashier's check, payable to Broward County Board of Commissioners. The filing fees are as follows:

Estimated Contract Amount	Filing Fee
\$30,000 - \$250,000	\$ 500
\$250,001 - \$500,000	\$1,000
\$500,001 - \$5 million	\$3,000
Over \$5 million	\$5,000

30. **PUBLIC ENTITY CRIMES ACT:** Bidder represents that its response to this invitation for bid will not violate the Public Entity Crimes Act, Section 287.133, Florida Statutes, which essentially provides that a person or affiliate who is a contractor, consultant or other provider who has been placed on the convicted vendor list following a conviction of a Public Entity Crime may not submit a bid on a contract to provide any goods or services to the County, may not submit a bid on a contract with the County for the construction or repair of a public building or public work, may not submit bids on leases of real property to the County, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with the County, and may not transact any business with the County in excess of the threshold amount provided in Section 287.017, Florida Statutes, for category two purchases for a period of 36 months from the date of being placed on the convicted vendor list. Bidder represents that its response to this Invitation For Bid is not a violation of Section 287.134, Florida Statutes, which essentially states that the County, as a public entity, cannot do business with an entity that is on the "discriminatory vendor list" i.e., has been found by a court to have discriminated as defined therein. Violation of this section shall result in cancellation of the County purchase and may result in debarment.

31. **RECYCLED CONTENT INFORMATION:** In support of the Florida Waste Management Law, bidders are encouraged to supply with their bid, any information available regarding recycled material content in the products bid. The County is particularly interested in the type of recycled material used (such as paper, plastic, glass, metal, etc.); and the percentage of recycled material contained in the product. The County also requests information regarding any known or potential material content in the product that may be extracted and recycled after the product has served its intended purpose.

32. **PURCHASE BY OTHER GOVERNMENTAL AGENCIES:** Each Governmental unit which avails itself of this contract will establish its own contract, place its own orders, issue its own purchase orders, be invoiced therefrom and make its own payments and issue its own exemption certificates as required by the bidder. It is understood and agreed that Broward County is not a legally bound party to any contractual agreement made between any other governmental unit and the bidder as a result of this bid.

33. **PUBLIC RECORDS:** Any material submitted in response to this Invitation For Bid will become a public document pursuant to Section 119.071, Florida Statutes. This includes material which the responding bidder might consider to be confidential or a trade secret. Any claim of confidentiality is waived upon submission, effective after opening pursuant to Section 119.071, Florida Statutes.

34. **AUDIT RIGHT AND RETENTION OF RECORDS:** County shall have the right to audit the books, records, and accounts of contractor that are related to this project. Contractor shall keep such books, records, and accounts as may be necessary in order to record complete and correct entries to the project.

Contractor shall preserve and make available, at reasonable times for examination and audit by County, all financial records, supporting documents, statistical records, and any other documents pertinent to this agreement for the required retention period of the Florida Public Records Act (Chapter 119, Florida Statutes), if applicable, or if the Florida Public Records Act is not applicable, for a minimum period of three (3) years after termination of this Agreement. If any audit has been initiated and audit findings have not been resolved at the end of the retention period or (3) years, whichever is longer, the books, records and accounts shall be retained until resolution of the audit findings. If the Florida Public Records Act is determined by County to be applicable to contractor's records, contractor shall comply with all requirements thereof; however, no confidentiality or nondisclosure requirement of either federal or state law shall be violated by contractor. Any incomplete or incorrect entry in such books, records, and accounts shall be a basis for County's disallowance and recovery of any payment upon such entry.

The entire chapter of the Broward County Procurement Code describing the aforementioned subject matter can be obtained from the Purchasing Division's Website at: www.broward.org/purchasing.

35. **OWNERSHIP OF DOCUMENTS:** All finished or unfinished documents, data, studies, surveys, drawings, maps, models, photographs, specifications and reports prepared or provided by CONSULTANT in connection with this Agreement shall become the property of COUNTY, whether the Project for which they are made is completed or not, and shall be delivered by CONSULTANT to Contract Administrator within fifteen (15) days of the receipt of the written notice of termination. If applicable, COUNTY may withhold any payments then due to CONSULTANT until CONSULTANT complies with the provisions of this section.

36. **STATE OF FLORIDA DIVISION OF CORPORATIONS REQUIREMENTS:** It is the vendor's responsibility to comply with all state and local business requirements. All vendors located within Broward County and/or providing a service within the County must have a current Broward County Local Business Tax Receipt (formerly known as an Occupational License Tax). All corporations and partnerships must have the authority to transact business in the State of Florida and be in good standing with the Florida Secretary of State. For further information, contact Broward County Records, Taxes and Treasury Division and the Florida Department of State, Division of Corporations.

The County will review the vendor's business status based on the information provided in response to this solicitation. If the vendor is an out-of-state or foreign corporation or partnership, the vendor must obtain the authority to conduct business in the State of Florida. Corporations or partnerships that are not in good standing with the Florida Secretary of State at the time of a submission to this solicitation may be deemed non-responsible.

If successful in obtaining a contract award under this solicitation, the vendor must remain in good standing throughout the contractual period of performance.

**PURCHASING DIVISION
BOARD OF COUNTY COMMISSIONERS
BROWARD COUNTY, FLORIDA**

Bid Submittal Summary Sheet for Public Reading

The purpose of this page is to facilitate the efficient and accurate reading of your bid submittal at the Bid Opening. Your cooperation is appreciated in completing the following information and ensuring that it is placed as the first page of your bid submittal. The information on this page does not take the place of the bid documents or the bid sheet. In the event that there is a discrepancy between the information on this page and the information in the bid sheet, the information on the bid sheet will prevail.

Bid Number: **M1110901B1**

Bid Title: **DISASTER DEBRIS MONITORING SERVICES (NSM)**

Name of Company: Science Applications International Corporation

Total Bid Price: \$2,194,320

DOCUMENT CHECKLIST:

The following items may be required to determine Bid responsiveness. Please ensure that all applicable items are completed and submitted with your Bid. Failure to meet the applicable requirements may render your Bid non-responsive. Additional information for these items can be found throughout this Bid document.

A. Bid/Addendum

- ☐ The Invitation for Bid must be signed in ink.
- ☐ If a **MUST** Addendum is required, it must be acknowledged on the Bid sheet or returned with your Bid.
- ☐ If a revised Bid sheet is required, it must be returned with the Addendum.

B. Group Items

- ☐ If a "Group" is specified, you must bid all items within each Group and indicate "No Charge" for those items that are included at no additional charge.

C. Bid Bond/Guaranty

- ☐ You must attach an original Bid Bond executed by a surety company, or alternate form of acceptable security.

D. Licensing

- ☐ Attach a copy of the specified contractor license(s)
- ☐ For items that require a licensed Contractor, your firm must possess a current State or County license, held by a qualifier registered with the State.
- ☐ If you hold a County license, and State registration is required, your license must be registered with the State.

ADDITIONAL ITEMS:

The following documents should be submitted with your bid, but no later than the time stated, upon request of the County.

A. Supplements/Attachments

- ☐ County Business Enterprise (CBE) Documentation (if this solicitation includes participation goals, all appropriate documentation returned)
- ☐ Copy of Broward County Local Business Tax Receipt (for Broward County Vendors)
- ☐ Non-Collusion Statement
- ☐ Vendor Questionnaire
- ☐ Vendors List (Non-Certified Sub-contractors/Suppliers) - Attachment "E"
- ☐ Local Business or Locally-Headquartered Business Certification - Attachment "H"
- ☐ Drug Free Workplace Certification - Attachment "I"
- ☐ Living Wage Ordinance Compliance Affidavit (Exhibit 1) and Application for Exemption (Exhibit 2) - **Not Applicable**
- ☐ Certificate of Insurance, per sample attached - Attachment "N"
- ☐ E-Verify Certification Form - **Not Applicable**
- ☐ Litigation History Form - Attachment "J"
- ☐ Scrutinized Companies Certification Form - Attachment "K"
- ☐ Florida Department of State Certificate of Proof of application (see: sunbiz.org)
- ☐ Domestic Partnership Certification - **Not Applicable**

*** All original Bids must be received in the Purchasing Division no later than 2:00 p.m. on the opening date specified. Late Bids will not be accepted. Please allow additional time for traffic and parking. This Checklist is for informational purposes only, it is not necessary to return.**

**PURCHASING DIVISION
BOARD OF COUNTY COMMISSIONERS
BROWARD COUNTY, FLORIDA**

SPECIAL INSTRUCTIONS TO BIDDERS (IN ADDITION TO GENERAL CONDITIONS)

**DISASTER DEBRIS MONITORING SERVICES
(Non-Sheltered Market)**

LIVING WAGE SERVICE CONTRACT YES ☐ NO ☒

SUBMISSION OF SEALED BIDS: The Invitation for Bid form must be executed and submitted with all bid sheets and should be in a sealed envelope. The original should be signed in blue ink. Both the original bid and one (1) photocopy of your bid should be included in a single envelope. Bid submittals should not be professionally bound using metal fasteners except for stapling. The Bidder is responsible for retaining a copy of all submittals for their own records. The face of the envelope should contain the company name, address, date and time of bid opening, bid number and bid title. Bids not submitted on bid sheets may be rejected. Bidder should not submit bids on their own form or any other form other than Broward County Bid Sheet. All bids are subject to the conditions specified herein. Bids which do not comply with these conditions are subject to rejection.

1. SCOPE:

Bids are hereby invited on an open-end basis for Disaster Debris Monitoring Services for Solid Waste and Recycling Services and various other Broward County agencies that may have need of these services and products.

The initial contract period shall start on date of award, or upon expiration of the current contract (December 1, 2013), whichever is later and shall terminate three (3) years from that date. The Monitoring Contractor will complete delivery and the County will receive delivery on any orders mailed to the Monitoring Contractor prior to the date of expiration.

All prices, terms and conditions shall remain fixed for the initial period of the contract. In addition, all prices, terms and conditions shall remain fixed for the renewal period of the contract.

There will be no allowable price escalations for fuel costs throughout any contract period(s), unless otherwise specified in this document.

The Director of Purchasing may renew this contract for two (2) one-year periods subject to vendor acceptance, satisfactory performance and determination that renewal will be in the best interest of the County. Notification of intent to renew will sent in advance of expiration date of this contract.

No guarantee is expressed or implied as to the total quantity of commodities/services to be purchased under any open-end contract. Estimated quantities will be used for bid comparison purposes only. The Board of County Commissioners reserves the right to: issue purchase orders as and when required, or, issue a blanket purchase order for individual agencies and release partial quantities or, issue instructions for use of Direct Purchase Orders by various County agencies, make random, open market purchases for any or all of the item(s) on any open end contract or, any combination of the preceding. No delivery shall become due or be acceptable without a written order by the County, unless otherwise provided for in the contract. Such order will contain the quantity, time of delivery and other pertinent data. However, on items urgently required, the seller may be given telephone notice, to be confirmed by an order in writing.

2. SPECIFICATIONS AND REQUIREMENTS:

The specifications, requirements and services to be provided are stated in Attachment "A" attached hereto and made a part hereof.

3. CONTINGENCY FEES:

By submission of this offer, Monitoring Contractor certifies that no contingency fees (sometimes known as a finder's fee) has been paid to any person or organization other than a bona-fide employee working solely for the vendor to secure a contract made pursuant to this solicitation. Violation of this policy may result in termination of any resultant contract and/or possible debarment of the Monitoring Contractor.

4. FURTHER INFORMATION:

Bidders requiring additional information regarding any of the bid terms, conditions or administrative requirements should contact Randy Plunkett of the Purchasing Division at 954-357-6630 or by email at rplunkett@broward.org.

Bidders requiring technical clarifications should contact Jennifer Domenech of Solid Waste and Recycling Services at 954-474-1836 or by email at jdomenech@broward.org. No change(s) and no interpretation(s) shall be considered binding unless provided to all bidders in writing by the Director of the Purchasing Division.

5. PRE-BID CONFERENCE:

Attendance at the pre-bid conference is optional. This information session presents an opportunity for bidders to clarify any concerns regarding the bid requirements. The bidder is cautioned that, although the Pre-Bid Conference is optional, no modification or any changes will be allowed in the pricing because of the failure of the bidder(s) to have attended the conference.

Pre-Bid Conference

Date: Friday, July 19, 2013
Time: 9:30 A.M.
Location: Government Center West
2nd Floor Hearing Room (#2)
1 University Drive
Plantation, FL 33324

If you require any auxiliary aids for communication, please call 357-6066 so that arrangements can be made in advance.

6. CONE OF SILENCE ORDINANCE:

6.1. In accordance with Broward County Ordinance No. 2011-06, Section 1-266, as amended, the Cone of Silence Ordinance provides that after the advertisement of the bid solicitation, potential vendors and their representatives are substantially restricted from communicating regarding the Bid with the County Administrator, Deputy County Administrator, Assistant County Administrator, Assistants to the County Administrator, their respective support staff, or any or any staff person that is to evaluate or recommend selection in this bid process. The Cone of Silence Ordinance further provides that after the bid opening for this solicitation, potential vendors and their representatives are substantially restricted from communicating regarding this Bid with the County Commissioners and their staff.

6.2. For Invitations for Bids, the Cone of Silence shall be in effect for staff involved in the award decision process at the time of the solicitation advertisement. The Cone of Silence shall be in effect for the Board of County Commissioners upon bid opening for the solicitation.

- 6.3. The Cone of Silence terminates when the County Commission or other awarding authority takes action, which ends the solicitation.
- 6.4. Any violations of this ordinance by any member(s) of the responding firm or joint venture may be reported to the County's Office of Professional Standards. If there is a determination of violation, a fine shall be imposed against the vendor as provided in the County Code of Ordinances. Additionally, a determination of violation shall render any award to a vendor who is found to have violated the Ordinance voidable, at the sole discretion of the Board of County Commissioners.

7. SECURITY REQUIREMENTS:

Not applicable to this solicitation.

8. SHELTERED MARKET PROGRAM:

Not applicable to this solicitation.

9. OFFICE OF ECONOMIC AND SMALL BUSINESS REQUIREMENTS:

- 9.1. In accordance with Ordinance No. 2012-33, Broward County Business Opportunity Act of 2012, the County Business Enterprise (CBE) Program is applicable to this contract. All bidders responding to this solicitation should utilize, or attempt to utilize, CBE firms to perform at least the assigned participation goal for this contract. The assigned CBE participation goal for this contract is **ten percent (10%)**.
- 9.2. Compliance with CBE participation goal requirements is a matter of responsibility; required information should be submitted with bid submittal. If not provided with bid submittal, the bidder must supply information within three business days of the Office of Economic and Small Business Development's (OESBD) request. Bidder may be deemed non-responsible for failure to fully comply within stated timeframes.
- 9.3. **CBE Program Requirements for Submitting Bids:** a bidder should include in its bid submittal **Attachment "F"** Letter of Intent, for each certified CBE firm the bidder intends to use to achieve the assigned CBE participation goal.
- 9.4. **CBE Program Requirements for Submitting Good Faith Effort:** If a bidder is unable to attain the CBE participation goal, the bidder should include in its bid submittal **Attachment "G"**, Application for Evaluation of Good Faith Effort and all of the required supporting information.
- 9.5. The bidder shall only address the base bid for CBE goal participation. No alternate/optional bid item(s) shall be addressed. If the County chooses to exercise the right to award alternate/optional bid item(s), the CBE participation goal for this bid shall apply to the alternate/optional bid item(s) recommended to be awarded. The County shall issue a notice to the apparent successful bidder requiring the bidder to comply with the CBE participation goal for the alternate/optional bid item(s); bidder shall submit all required forms prior to award. Failure to submit the required forms may result in rejection of the bid.
- 9.6. The Office of Economic and Small Business Development maintains an on-line directory of CBE firms. The on-line directory is available for use by bidders at <https://bcegov3.broward.org/SmallBusiness/SBDirectory.aspx>
- 9.7. For detailed information regarding the County Business Enterprise Program contact the Office of Economic and Small Business Development at (954) 357-6400 or visit the website at: <http://www.broward.org/EconDev/SmallBusiness/Pages/Default.aspx>

9.8. **Requirements for Contracts with CBE Goals:** if awarded the contract, the bidder agrees to and shall comply with all applicable requirements of the CBE Program in the award and administration of the contract.

9.8.1. No party to this contract may discriminate on the basis of race, color, sex, religion, national origin, disability, age, marital status, political affiliation, sexual orientation, pregnancy, or gender identity and expression in the performance of this contract.

9.8.2. Bidder shall comply with all applicable requirements of the Broward County Small Business Development Program in the award and administration of this contract. Failure by bidder to carry out any of these requirements shall constitute a material breach of this contract, which shall permit COUNTY to terminate this contract or to exercise any other remedy provided under this contract, under the Broward County Code of Ordinances, or Administrative Code, or under applicable law, with all of such remedies being cumulative.

9.8.3. Bidder understands that the County will monitor compliance with the CBE requirements. Bidder must report monthly on its CBE participation commitment with its pay requests and is required as a condition of payment.

10. SUPPLEMENT (Federal Funding):
Not applicable to this solicitation.

11. INSURANCE REQUIREMENTS: (Sample Insurance Certificate - Attachment "N")

The insurance requirements designated in this bid indicate the minimum coverage required for the scope of work, as determined by the Risk Management Division. Vendor shall provide proper insurance, or a notarized letter of verification by the Vendor's insurance provider, which states the ability of the Vendor to obtain the required insurance **within five (5) business days** after request by the Purchasing Agent but prior to recommendation of award. Final award shall be subject to receipt and acceptance by the County of proof of meeting all insurance requirements of the bid.

Without limiting any of the other obligations or liabilities of Vendor, Vendor shall provide, pay for, and maintain in force until all of its work to be performed under this Contract has been completed and accepted by County (or for such duration specified), at least the minimum insurance coverage and limits set forth in the Attachment "N" under the following conditions listed below. **If a limit or policy is not indicated on Attachment "N" by a checkbox, it is not required as a condition of this contract.**

11.1. Comprehensive Liability with minimum limits per occurrence, combined single limit for bodily injury and property damage, and when indicated a minimum limit per aggregate. County is to be expressly included as an Additional Insured in the name of Broward County arising out of operations performed for the County, by or on behalf of Vendor, or acts or omissions of Vendor in connection with general supervision of such operation. If Vendor uses a subcontractor, then Vendor shall ensure that subcontractor names County as an Additional Insured.

11.2. Business Automobile Liability with minimum limits per occurrence, combined single limit for bodily injury and property damage. Scheduled autos shall be listed on Vendor's certificate of insurance.

Note: This requirement does not apply if Vendor does not own a vehicle, where performance of services does not require the use of a business automobile or where delivery will be by common carrier also known as a third-party carrier.

- 11.3. Workers' Compensation insurance to apply for all employees in compliance with Chapter 440, the "Workers' Compensation Law" of the State of Florida and all applicable federal laws. The policy must include Employers' Liability with minimum limits each accident. If any operations are to be undertaken on or about navigable waters, coverage must be included for the U.S. Longshoremen & Harbor Workers Act and Jones Act.
- 11.4. Excess Liability/Umbrella Insurance may be used to satisfy the minimum liability limits required; however, the annual aggregate limit shall not be less than the highest "each occurrence" limit for the underlying liability policy. Vendor shall endorse County as an Additional Insured unless the policy provides coverage on a pure/true "Follow-form" basis.
- 11.5. Builder's Risk or Equivalent Coverage (such as Property Insurance or Installation Floater) as applicable to the scope of work is required as a condition precedent to the issuance of the Second Notice to Proceed. Vendor shall provide "All Risk" Completed Value form coverage with a deductible not to exceed Ten Thousand Dollars (\$10,000.00) each claim for all perils, except wind and flood.
- 11.6. For the peril of wind, the Vendor shall maintain a deductible that is commercially feasible which does not exceed five percent (5%) of the value of the Contract Price. Such Policy shall reflect Broward County as an additional loss payee.
- 11.7. For the peril of flood, coverage must be afforded for the lesser of the total insurable value of such buildings or structures, and the maximum amount of flood insurance coverage available under the National Flood Program. Vendor shall maintain a deductible that is commercially feasible and does not exceed five percent (5%) of the value of the Contract Price. Such Policy shall reflect Broward County as an additional loss payee.
- 11.8. The County reserves the right to provide Property Insurance covering the Project, materials, equipment and supplies intended for specific installation in the Project while such materials, equipment and supplies are located at the Project site, in transit, or while temporarily located away from the Project site. This coverage will not cover any of the Vendor's or subcontractors' tools, equipment, machinery or provide any business interruption or time element coverage to the contractor(s).
- 11.9. If the County decides to purchase Property Insurance or provide for coverage under its existing insurance policy for this Project, then the insurance required to be carried by the Vendor may be modified to account for the insurance being provided by the County. Such modification may also include execution of Waiver of Subrogation documentation.
- 11.10. In the event that a claim occurs for this Project and is made upon the County's insurance policy, for other than a windstorm, Vendor will pay at least Ten Thousand Dollars (\$10,000.00) of the deductible amount for such claim.
- 11.11. Waiver of Occupancy Clause or Warranty - Policy must be specifically endorsed to eliminate any "Occupancy Clause" or similar warranty or representation that the building(s), addition(s) or structure(s) in the course of construction shall not be occupied without specific endorsement of the policy. The Policy must be endorsed to provide that the Builder's Risk coverage will continue to apply until final acceptance by County.
- 11.12. Pollution Liability or Environmental Impairment Liability: including clean-up costs, with minimum limits per claim, subject to a maximum deductible per claim. Such policy shall remain in force for the minimum length of time indicated, include an annual policy aggregate and name Broward

County as an Additional Insured. Vendor shall be responsible for all deductibles in the event of a claim.

- 11.13. Professional Liability Insurance with minimum limits for each claim, subject to a maximum deductible per claim. Such policy shall remain in force for the minimum length of time indicated. Vendor shall notify County in writing within thirty (30) days of any claim filed or made against its Professional Liability Insurance policy. Vendor shall be responsible for all deductibles in the event of a claim. The deductible shall be indicated on the Vendor's Certificate of Insurance.
- 11.14. Coverage must be afforded on a form no more restrictive than the latest edition of the respective policy form as filed by the Insurance Services Office. If the initial insurance expires prior to the completion and acceptance of the Work, renewal certificates shall be furnished upon expiration. County reserves the right to obtain a certified copy of any insurance policy required by this Section within fifteen (15) calendar days of a written request by County.
- 11.15. Notice of Cancellation and/or Restriction -The policy(ies) must be endorsed to provide Broward County with at least thirty (30) days' notice of cancellation and/or restriction.
- 11.16. The official title of the Certificate Holder is Broward County. This official title shall be used in all insurance documentation.
- 11.17. Right to revise or reject. The County reserves the right, but not the obligation, to review and revise the insurance requirements at any time, not limited to deductibles, limits, coverage and endorsements.

12. SAMPLES, PRODUCT LITERATURE AND DESCRIPTIVE CATALOGUES:

Not applicable to this solicitation.

13. DELIVERY AND ACCEPTANCE:

Delivery time shall be computed in calendar days from the issuance date of purchase order. Although, actual requested date or number of calendar days for delivery may be specified, state on the Bid Sheet the number of calendar days required to make delivery after issuance of purchase order or request for services.

However, goods required for daily consumption, or where the delivery is an emergency, a replacement, or overdue, the convenience of the Division shall govern. If, in calculating the number of calendar days from the order date, the delivery date falls on a Saturday, Sunday or holiday, delivery shall be made not later than next succeeding business day.

14. WARRANTY:

14.1. STANDARD WARRANTY:

Not applicable to this solicitation.

14.2. DATE STANDARDS:

Monitoring Contractor warrants that each item of software that it delivers, develops, modifies, or recommends to COUNTY for use under this Contract shall be able to accurately store and process date/time data in four (4) digit year fields (including, but not limited to, calculating, comparing, interfacing and sequencing) from, into, and between the nineteenth through the twenty-second centuries, and leap year calculations. The duration of this warranty and the remedies available to COUNTY for breach of this warranty shall be as defined in, and subject to, the terms and limitations of Monitoring Contractor's warranties contained in this Contract; provided that notwithstanding any provision to the contrary in any such warranty provision(s), or

in the absence of any such warranty provision(s), the remedies available to COUNTY under this warranty shall include repair or replacement, at no cost to COUNTY of any of the products whose noncompliance is discovered and made known to Monitoring Contractor in writing, within three (3) year(s) after acceptance of the deliverables by COUNTY. Nothing in this warranty shall be construed to limit any rights or remedies COUNTY may otherwise have under this Contract.

15. BID GUARANTY:

All bids shall be accompanied by an original bid bond executed by a surety company meeting the qualifications for surety companies. **The bid bond must be an original, no photocopies will be accepted.** In lieu of the Bid bond, the following will be acceptable: cash, money order, certified check, cashier's check, irrevocable letter of credit, (**Attachment "L"**) treasurer's check or bank draft of any national or state bank, in an amount equal to five percent [5%] of the Contract price, payable to the Board of County Commissioners and conditioned upon compliance of requirements of this solicitation . **A personal check or a company check shall not be deemed a valid bid guaranty.** Guaranty of the successful Bidder shall be forfeited to the Board of County Commissioners not as a penalty, but as liquidated damages for the cost and expense incurred, should said Bidder fail to comply with any requirements set forth herein. Guaranties of the successful and unsuccessful bidders will be returned after award of the Contract.

16. PERFORMANCE AND PAYMENT GUARANTY:

Not applicable to this solicitation.

17. QUALIFICATIONS OF SURETY:

17.1. A Bid Bond must be executed by a surety company of recognized standing, authorized to do business in the State of Florida as surety, having a resident agent in the State of Florida and having been in business with a record of successful continuous operation for at least five years.

17.2. In addition to the above-minimum qualifications, the surety company must meet at least one of the following additional qualifications:

17.2.1. The surety company shall hold a current certificate of authority as acceptable surety on federal bonds in accordance with the United States Department of Treasury Circular 570, Current Revisions. If the amount of the Bond exceeds the underwriting limitation set forth in the circular, in order to qualify, the net retention of the surety company shall not exceed the underwriting limitation in the circular, and the excess risks must be protected by coinsurance, reinsurance, or other methods in accordance with Treasury Circular 297, revised September 1, 1978 (31 DFR Section 223.10 Section 223.111). Further, the surety company shall provide the County with evidence satisfactory to the County, that such excess risk has been protected in an acceptable manner.

17.2.2. The County will accept a surety bond from a company with a rating of A- or better for bonds up to \$2 million, provided, however, that if any surety company appears on the watch list that is published quarterly by Intercom of the Office of the Florida Insurance Commissioner, the County shall review and either accept or reject the surety company based on the financial information available to the County. A surety company that is rejected by the County may be substituted by the bidder or proposer with a surety company acceptable to the County, only if the bid amount does not increase.

17.2.3. The surety company shall have at least the following minimum ratings:

<u>Amount of Bond</u>	<u>Policyholder's Ratings</u>	<u>Financial Size Category</u>
500,001 to 1,000,000	A-	Class I
1,000,001 to 2,000,000	A-	Class II
2,000,001 to 5,000,000	A	Class III
5,000,001 to 10,000,000	A	Class IV
10,000,001 to 25,000,000	A	Class V
25,000,001 to 50,000,000	A	Class VI
50,000,001 to or more	A	Class VII

17.2.4. For projects which do not exceed \$500,000.00 the County shall accept a Bid Bond and Performance and Payment Bond from a surety company which has twice the minimum surplus and capital required by the Florida Insurance Code at the time the invitation bid is issued, if the surety company is otherwise in compliance with the provisions of the Florida Insurance Code, and if the surety company holds a currently valid Certificate of Authority issued by the United States Department of the Treasury under Section 9304 to 9308 of Title 31 of the United States Code (**Attachment "M"**).

17.2.5. The County will accept a surety bond from a company with a rating of A- or better; provided, however, that if the surety company appears on the 'Watch List' that is published quarterly by 'Focus' of the Office of the Florida Insurance Commissioner, the County shall review and either accept or reject the surety company based on the financial information available to the County. A surety company that is rejected by the County may be substituted by the bidder or proposer with a surety company acceptable to the County only if the bid amount does not increase.

18. LOCAL BUSINESS TAX RECEIPT REQUIREMENTS:

All vendors maintaining a business address within Broward County must have and provide a copy of a current Broward County Local Business Tax Receipt prior to contract award. The Monitoring Contractor should provide a copy of its Local Business Tax Receipt **within five (5) business days** after request by the Purchasing Agent but prior to award by the Director of Purchasing or recommendation of award to the Board of County Commissioners, whichever is applicable. Failure to do so may result in your bid being deemed non-responsive. For further information on obtaining or renewing your firm's Local Business Tax Receipt, contact the Records, Taxes and Treasury Division at (954) 357-6200.

19. LIVING WAGE ORDINANCE: (Vendor Questionnaire - Item No. 12 applies)

Not applicable to this solicitation.

20. DOMESTIC PARTNERSHIP ORDINANCE:

Not applicable to this solicitation.

21. MONITORING CONTRACTOR RESPONSIBILITIES:

21.1. The MONITORING CONTRACTOR will be responsible for the provision, installation and performance of all equipment, materials, services, etc. offered in his or her Bid. The MONITORING CONTRACTOR is in no way relieved of the responsibility for the performance of all equipment furnished, or of assuring the timely delivery of materials, equipment, etc. even though it is not of his or her own manufacture.

21.2. MONITORING CONTRACTOR shall perform the Work with its own organization, amounting to

not less than fifty **percent (50%)** of the Contract Price.

- 21.3. The Contract Administrator will document the Monitoring Contractor's performance by completing a Vendor Performance Evaluation Form. A blank Performance Evaluation Form may be viewed at:

<http://www.broward.org/Purchasing/documents/vendorperformanceevaluationrequirements.pdf>

and will be completed by the Contract Administrator based upon the following factors:

- i. For any fixed construction or services contract valued at \$50,000 or more upon completion of the contract.
- ii. For any hardware or software implementation contracts valued at \$20,000 or more as part of the final acceptance.
- iii. For any fixed commodities contract valued at \$250,000 or more upon complete delivery of the commodities
- iv. For Master (open-end) Agreements and other continuing contracts by each using agency whose cumulative annual usage of the agreement exceeds \$50,000, prior to any renewal, termination and upon the agreement expiration.
- v. For Work Authorizations valued at \$30,000 or more, issued under a Library of Professional Consultant Services, a Library of Environmental Consultant Services, or other two-party agreement, upon project completion.
- vi. For contracts where the Office of Economic and Small Business Development (OESBD) has established goals, based on compliance with established goals and requirements.
- vii. The Contract Administrator may also initiate an interim evaluation at any time during the term for any contract.

22. **SUBCONTRACTING:**

The Monitoring Contractor shall submit a listing of all non-certified subcontractors, if any, and the portion of the Project they will perform (Vendors List - **Attachment "E"**) **within five (5) business days** of request by County and prior to award. This list shall be kept up-to-date for the duration of the project and shall include major material suppliers to the Prime that provide construction material for construction contracts or commodities for service contracts in excess of \$50,000 to the Monitoring Contractor. If subcontractors are stated, this does not relieve the Monitoring Contractor from the prime responsibility of full and complete satisfactory and acceptable performance under any awarded contract.

23. **MULTIPLE AWARDS:**

Not applicable to this solicitation.

24. **PRICE ADJUSTMENT:**

Not applicable to this solicitation.

25. **PREFERENCES:**

No contractor shall receive more than one County-authorized preference for the same procurement. If a contractor is eligible for more than one County-authorized bid preference for a particular procurement, the contractor shall be eligible to receive only the bid preference that is most favorable to the contractor.

25.1. **Local Preference:**

In accordance with Section 1-74, et. seq., Code of Ordinances, Broward County provides a Local Preference to local and locally headquartered businesses in the County. The Local Preference is extended to Miami-Dade County local and locally headquartered businesses, based upon an Interlocal Agreement of Reciprocity between the counties. This preference does not apply for any solicitation with funding source restrictions, included federal, state, or other grant funding.

The Ordinance provides the following:

If the low responsive and responsible bidder is not a local business or a locally-headquartered business, any and all qualifying local businesses submitting a price within ten percent (10%) of the non-local low responsive and responsible bidder, and any and all qualifying locally-headquartered businesses submitting a price within fifteen percent (15%) of the non-local low responsive and responsible bidder, then all qualifying bidders shall have an opportunity to submit a best and final bid, equal to or lower than the low bid.

If the low responsive and responsible bidder is a local business, but not a locally-headquartered business, then any and all locally-headquartered businesses submitting a bid price within five percent (5%) of the local low bidder shall have an opportunity to submit a best and final bid equal to or lower than the low bid.

All qualifying bidders must be determined responsive and responsible prior to submitting a best and final bid. Award, if any, shall be made to the responsive and responsible bidder offering the lowest best and final bid regardless of location.

Attachment "H" and a copy a business's local business tax receipt (or if exempt, documentation establishing physical presence at location for one year prior to bid submission) should be submitted in order to be considered for Local Preference. If not submitted with the bid, it must be submitted within three business days of notification from the County. Failure to timely submit may render the business ineligible for application of the Local Preference. The County may request verification of any information required to confirm certification.

25.2. Recycle Preference:
Not applicable to this solicitation.

26. DRUG-FREE WORKPLACE CERTIFICATION:

Broward County Procurement Code Chapter 21.31.a. requires awards of competitive sealed bids and sealed proposals requiring Board Award be made only to firms certifying the establishment of a drug free workplace. The Drug Free Workplace Certification (**Attachment "I"**) should be furnished **within five (5) business days** after request by the Purchasing Agent but prior to recommendation of award to the Board of County Commissioners. Failure to provide this certification will render your office unqualified and ineligible for award.

27. SPECIAL NOTICE:

In accordance with OSHA Regulation 29 CFR 1926.1101(k) (2), bidders are notified of the presence of asbestos containing material and/or presumed asbestos containing material at some Broward County locations.

28. BATTERY DISPOSAL:

Not applicable to this solicitation.

29. DUN & BRADSTREET REPORT REQUIREMENT:

The COUNTY may review the bidder's rating and payment performance to assist in determining a bidder's responsibility when being evaluated for a contract award.

30. E-VERIFY PROGRAM CERTIFICATION:

Not applicable to this solicitation.

31. SCRUTINIZED COMPANIES LIST

Any company, principals, or owners on the Scrutinized Companies with Activities in Sudan List or on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List is prohibited from submitting a bid, proposal or response to a Broward County solicitation for goods or services in an amount equal to or greater than \$1 million. Therefore, if applicable, each company submitting a bid, proposal, or response to a solicitation must certify to the County that it is not on either list at the time of submitting a bid, proposal or response. The certification form will only be attached to a solicitation if the estimated purchase amount is \$1 million dollars or greater and must be submitted at the time of submitting a bid, proposal or response. Under the circumstances, the County estimated purchase amount is no greater than \$1 million dollars, but bid, proposal, response or resulting contract is \$1 million dollars or greater, the County will exercise the right to require firm to submit the certification form (**Attachment "K"**) by the imposed deadline. In either case, failure to timely provide the certification shall deem the submittal non-responsive.

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NON-COLLUSION STATEMENT:

By signing this offer, the vendor certifies that this offer is made independently and free from collusion. Vendor shall disclose below, to their best knowledge, any Broward County officer or employee, or any relative of any such officer or employee as defined in Section 112.3135 (1) (c), Fla. Stat. (2012), who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement. Any Broward County officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement. For purposes hereof, a person has a material interest if he or she directly or indirectly owns more than 5 percent of the total assets or capital stock of any business entity, or if he or she otherwise stands to personally gain if the contract is awarded to this vendor.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the Broward County Procurement Code.

<u>NAME</u>	<u>RELATIONSHIPS</u>
None	

In the event the vendor does not indicate any names/relationships by leaving the above section blank, the County shall interpret this to mean that the vendor has indicated that no such relationships exist.

NAME OF COMPANY: Science Applications International Corporation

BID SHEET**DISASTER DEBRIS MONITORING SERVICES**
(NON-SHELTERED MARKET)TO: BOARD OF COUNTY COMMISSIONERS
BROWARD COUNTY, FLORIDA

All blanks have been filled in; BID SHEET is attached to the completed "Invitation for Bid" and returned herewith.

In accordance with the General Conditions, Special Instructions to Bidders, Specifications and Requirements, the undersigned bidder offers the following:

BASIS FOR AWARD: Award shall be based on grand total bid amount. Bidder must bid all line items to be considered responsive.

PAY ITEM NO.	COMMODITY CODE/DESCRIPTION	EST. ANNUAL QTY.	U/M		UNIT PRICE		EST. TOTAL ANNUAL PRICE
1.	91881 Project Manager	1,200	HRS	X	\$ <u>79.00</u> /HR	=	\$ <u>94,800</u>
2.	91881 Supervising Monitor	2,400	HRS	X	\$ <u>39.00</u> /HR	=	\$ <u>93,600</u>
3.	91881 Debris Management Advisor	2,400	HRS	X	\$ <u>79.00</u> /HR	=	\$ <u>189,600</u>
4.	91881 Field Operations Manager	2,400	HRS	X	\$ <u>62.00</u> /HR	=	\$ <u>148,800</u>
5.	91881 Roving Monitor	1,200	HRS	X	\$ <u>30.00</u> /HR	=	\$ <u>36,000</u>
6.	91881 Load Site/Field Monitor	10,000	HRS	X	\$ <u>34.00</u> /HR	=	\$ <u>340,000</u>
7.	91881 TDMS (Debris Site/Tower) Monitors	20,000	HRS	X	\$ <u>33.00</u> /HR	=	\$ <u>660,000</u>
8.	91881 GIS Analyst	480	HRS	X	\$ <u>69.00</u> /HR	=	\$ <u>33,120</u>
9.	91881 Environmental Specialist	1,200	HRS	X	\$ <u>45.00</u> /HR	=	\$ <u>54,000</u>
10.	91881 Data Manager	2,400	HRS	X	\$ <u>59.00</u> /HR	=	\$ <u>141,600</u>

NAME OF COMPANY: Science Applications International Corporation

BID SHEET
(Continued)**DISASTER DEBRIS MONITORING SERVICES**
(NON-SHELTERED MARKET)

PAY ITEM NO.	COMMODITY CODE/DESCRIPTION	EST. ANNUAL QTY.	U/M		UNIT PRICE		EST. TOTAL ANNUAL PRICE
11.	91881 Load Ticket Data Entry Clerks (QA/QC)	10,000	HRS	X	\$ <u>17.00</u> /HR	=	\$ <u>170,000</u>
12.	91881 Billing/Invoice Analyst	2,400	HRS	X	\$ <u>49.00</u> /HR	=	\$ <u>117,600</u>
13.	91881 Administrative Assistant	4,800	HRS	X	\$ <u>24.00</u> /HR	=	\$ <u>115,200</u>

GRAND TOTAL AMOUNT
(Items 1 thru 13)\$ 2,194,320**CONTINGENT PRICE ITEMS:**

The award of Contingency Item 14 will not be considered in determination of award; however, unbalanced prices may be reason for rejection of bid. The County is not bound by price and reserves the right not to award. The contingent items must be bid in order for your bid to be considered responsive. This contingent item will be used only if required; if awarded, the contingent item would be affected by amended purchase order.

PAY ITEM NO.	COMMODITY CODE/DESCRIPTION	UNIT PRICE
14.	91881 Electronic Ticket Manager	\$ <u>89.00</u> /HR

*The hourly rates shall be fully loaded including all costs, (including taxes, benefits, handling charges, equipment, rentals, reproduction, lodging, meals and transportation), all applicable overhead, profit, and any other expenses necessary for the performance of the contract.

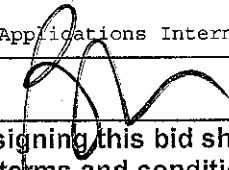
Response Time:

Monitoring Contractor shall provide personnel for requested services **within forty-eight (48) hours** of issuance of a Work Order. Current and/or anticipated applicable fuel costs should be considered and included in the price quoted.

Anne Cabrera: 954.559.4951

Ralph Natale: 407.580.8184

Betty Kamara: 407.803.2551

Emergency Contact Information: 24/7 Phone Number:**NAME OF COMPANY:** Science Applications International Corporation**AUTHORIZED SIGNATURE:**

 By signing this bid sheet your firm is agreeing to
 the terms and conditions of the Invitation for Bid.

PREVIOUS CONTRACT NO. M200707120WRS01

BID NO. M1110901B1

BID SHEET
(Continued)

DISASTER DEBRIS MONITORING SERVICES
(NON-SHELTERED MARKET)

Bid results will be posted to the Broward County Purchasing website at <http://www.broward.org/Purchasing/Pages/SolicitationResult.aspx>

RECYCLED CONTENT INFORMATION: Not applicable to this solicitation

ACCEPTANCE OF CREDIT CARDS:

The County is considering making faster payments to our vendor community, in doing so we would prefer to make payment using Visa credit card.

Would your company accept Visa credit card as payment from Broward County? Yes ☐ No ☒

PRICE ADJUSTMENT SECTION: Not applicable to this solicitation

OTHER GOVERNMENT ENTITIES:

The undersigned bidder will extend the same price, terms and conditions to other governments, if requested.

Yes ☒ No ☐

ADDENDA:

List below all addenda (identified by number) that your company has received and hereby acknowledges since issuance of this bid:

Addendum #1

Addendum #2

NOTICES TO BIDDER:

1. Please complete applicable information on the face of the Invitation for Bid/Bidder Acknowledgment Form (IFB). If the County does not have the correct information, payments cannot be made to your firm.
2. Be sure to have the Invitation for Bid/Bidder Acknowledgment Form (IFB) signed by an authorized representative of your firm or your bid will not be considered responsive.

NAME OF COMPANY: Science Applications International Corporation

VENDOR QUESTIONNAIRE

Information contained in this document will be used by the County in determining the responsibility of a respondent. There must be a response to all questions in this document.

Information must either be provided or an indication of "none" (if appropriate). Do not use "N/A" as a response to any question.

This completed form, including a response to all questions, should be submitted with the solicitation; however, it must be submitted **within five (5) business days** of the county's request. Failure to provide the completed form may result in the solicitation being deemed non-responsive.

The undersigned authorized representative of the Respondent certifies the truth and accuracy of all statements and the answers contained herein.

1. How many years has your organization been in business?

Founded in 1969 & Incorporated in Delaware in 1980

- 1A. What type of service/commodity does your company offer?

BDR Division of SAIC: Emergency Management Planning and Recovery Services

NAICS Codes: 541360, 541370, 541611, 541614, 541618, 541620, 54990, 561210

SIC Codes: 8742

2. What is the last project of this nature that you have completed?

State of Connecticut and several local governments within Connecticut - Hurricane Sandy

State of New Jersey and several local governments within New Jersey - Hurricane Sandy

City of New Orleans, St. John the Baptist Parish, and Jefferson Parish, LA - Hurricane Isaac

City of Houston, TX - Drought, Standing Dead Trees and Bastrop County, TX - Wildfires

3. Have you ever failed to complete any work or not timely shipped commodities awarded to you?
If yes, when and why?

SAIC has not failed to complete any work on any contract.

- 3A. Give owner names, addresses and telephone numbers, and surety and project names, for all projects for which you have performed work, where your surety has intervened to assist in completion of the project, whether or not a claim was made.

None

NAME OF COMPANY: Science Applications International Corporation

VENDOR QUESTIONNAIRE (Continued)

4. Give names, addresses and telephone numbers of three individuals, corporations, agencies, or institutions for which you have performed work or sold similar commodities to:

4.1 <u>State of New Jersey Department of Environmental Protection</u> (Organization/Company)	<u>Hurricane Sandy Disaster Debris Program Management</u> (Project Name)	
<u>Jane Kozinski</u> (Contact Name)	<u>401 East State Street, 3rd Floor Trenton, NJ 08625</u> (Address)	<u>(609) 292-2795</u> (Phone No.)
<u>AG-065</u> (Contract Number)	<u>Not to Exceed \$7 million</u> (Project Value)	<u>November 2012 - Present</u> (Date Services Provided)

Scope of Project

Provided Disaster Debris Monitoring Services to the North and South Regions of New Jersey. SAIC worked closely with NJDEP and the state project manager to develop protocols and procedures in order to effectively monitor and manage the debris and vehicle and vessel removal process, while meeting FEMA eligibility requirements.
The use of SAIC's proprietary automated debris management system (ADMS) greatly increased the client's visibility to the day-to-day operations and provided real-time tracking of crew locations and debris quantities.

4.2 <u>St. John the Baptist Parish, Louisiana</u> (Organization/Company)	<u>Hurricane Isaac Disaster Debris Program Management</u> (Project Name)	
<u>Natalie Robottom</u> (Contact Name)	<u>1801 West Airline Highway LaPlace, LA 70068</u> (Address)	<u>(985) 652-9569</u> (Phone No.)
<u>None</u> (Contract Number)	<u>\$1,552,827</u> (Project Value)	<u>August 2012 - Present</u> (Date Services Provided)

Scope of Project

SAIC worked with Parish officials and the Parish's debris hauler to establish protocols for right-of-way (ROW) and hazardous waste debris removal; identify, permit, and open TDSRS; schedule daily debris removal; and provide accurate daily reports. In addition, SAIC worked closely with representatives from FEMA to develop a disaster-specific strategy to collect the overwhelming amounts of construction and demolition debris from private property that was a result of the storm.

4.3 <u>State of Connecticut</u> (Organization/Company)	<u>Hurricane Sandy Disaster Debris Program Management</u> (Project Name)	
<u>Diane Duva</u> (Contact Name)	<u>79 Elm Street Hartford, CT 06106</u> (Address)	<u>(860) 424-3271</u> (Phone No.)
<u>None</u> (Contract Number)	<u>\$165,000</u> (Project Value)	<u>October 2012 - December 2012</u> (Date Services Provided)

Scope of Project

Hurricane Irene: \$578,442 | Winter Storm Alfred (Nor'easter): \$3,279,639 | Winter Storm Nemo: \$110,000
August - October 2011 | October 2011 - March 2012 | February 2013 - Present

SAIC oversaw the intake, validation, and resolution of numerous requests for assistance from 28 towns and several state facilities during our statewide responses. Because of the complexities and volume of service requests to the State of Connecticut, SAIC helped certify trucks for several different debris projects. The statewide debris totals from these four events monitored by SAIC are in excess of 1.8 million CYs of vegetative debris removal, over 80,000 dangerous hanging limbs, nearly 11,000 dangerous leaning trees, and dozens of barrels of hazardous waste.

NAME OF COMPANY: Science Applications International Corporation

VENDOR QUESTIONNAIRE**(Continued)**

5. List the following information concerning all contracts in progress as of the date of submission of this solicitation. (In case of co-venture, list the information for all co-venturers.)

<u>NAME OF PROJECT</u>	<u>OWNER PHONE NO.</u>	<u>TOTAL CONTRACT VALUE</u>	<u>DATE OF COMPLETION PER CONTRACT</u>	<u>% OF COMPLETION TO DATE</u>
<u>See Attachment A at the end of this form.</u>				

(Continue list on insert sheet, if necessary.)

6. Has a representative of the Respondent completely inspected the proposed project site and does the Respondent have a complete plan for its performance?

Yes

7. State the name of your proposed project manager and superintendent and give details of his or her qualifications and experience in managing similar work.

Anne Cabrera, Ralph Natale, and Jonathan Burgiel (resumes are attached in Section C of SAIC's proposal)

8. State the true, exact, correct and complete name of the partnership, corporation or trade name under which you do business and the address of the place of business. (If a corporation, state the name of the president and secretary. If a partnership, state the names of all partners. If a trade name, state the names of the individuals who do business under the trade name).

- 8.1 The correct name of the Respondent:

Science Applications International Corporation

NAME OF COMPANY: Science Applications International Corporation

VENDOR QUESTIONNAIRE
(Continued)

- 8.2 The business is a (Sole Proprietorship) (Partnership) (Corporation):

Corporation

- 8.3 The address of principal place of business:

BDR Division of SAIC: 2301 Lucien Way, Suite 120

Maitland, FL 32751

- 8.4 The names of the corporate officers, or partners, or individuals doing business under a trade name, are as follows:

See Attachment A at the end of this form.

- 8.5 List all organizations which were predecessors to Respondent or in which the principals or officers of the Respondent were principals or officers.

See Attachment A at the end of this form.

9. List and describe all bankruptcy petitions (voluntary or involuntary) which have been filed by or against the Respondent, its parent or subsidiaries or predecessor organizations during the past three (3) years. Include in the description the disposition of each such petition.

None

10. List and describe all successful Performance or Payment Bond claims made to your surety(ies) during the last three (3) years. The list and descriptions should include claims against the bond of the Respondent and its predecessor organization(s).

None

NAME OF COMPANY: Science Applications International Corporation

VENDOR QUESTIONNAIRE
(Continued)

- 10.1 Has the Respondent, its principals, officers or predecessor organization(s) been debarred or suspended from bidding by any government during the last three (3) years? If yes, provide details.

No

11. **LITIGATION HISTORY REQUIREMENT**

The County will consider a vendor's litigation history information in its review and determination of responsibility. All vendors are required to disclose to the County all "material" cases filed or resolved in the three (3) year period ending with the solicitation response due date, whether such cases were brought by or against the vendor, any parent or subsidiary of the vendor, or any predecessor organization. If the vendor is a joint venture, the information provided should encompass the joint venture (if it is not newly-formed for purposes of responding to the solicitation) and each of the entities forming the joint venture. For purpose of this disclosure requirement, a "case" includes lawsuits, administrative hearings and arbitrations. A case is considered to be "material" if it relates, in whole or in part, to any of the following:

1. A similar type of work that the vendor is seeking to perform for the County under the current solicitation; None related to Disaster Debris Monitoring services.
2. An allegation of negligence, error or omissions, or malpractice against the vendor or any of its principals or agents who would be performing work under the current solicitation; None
3. A vendor's default, termination, suspension, failure to perform, or improper performance in connection with any contract; SAIC has not declared to be in default on any contract in the last 3 years. Contracts may have been terminated for convenience of the Client.
4. The financial condition of the vendor, including any bankruptcy petition (voluntary and involuntary); or None
5. A criminal proceeding or hearing concerning business-related offenses in which the vendor or its principals (including officers) were/are defendants. None

Notwithstanding the descriptions listed in paragraphs 1 – 5 above, a case is **not** considered to be "material" if the claims raised in the case involve only garnishment, auto negligence, personal injury, or a proof of claim filed by the vendor.

For each material case, the vendor is required to provide all information identified in the form attached as **Attachment "J"**.

A Vendor is also required to disclose to the County any and all case(s) that exist between the County and any of the vendor's subcontractors/subconsultants proposed to work on this project.

Failure to disclose any material case, or to provide all requested information in connection with each such case, may result in the vendor being deemed non-responsive. Prior to making such determination, the vendor will have the ability to clarify the submittal and to explain why an undisclosed case is not material.

NAME OF COMPANY: Science Applications International Corporation

VENDOR QUESTIONNAIRE
(Continued)

12. **Only Applicable to Living Wage Contracts**

In the interest of determining what, if any, fiscal impact(s) are a result of complying with the living wage requirements for this solicitation, please provide the following data for informational purposes only. The response shall not be considered in determining the award of this Contract.

The living wage requirements have:
(Check one)

- ☒ Had no effect on the total price of this solicitation.
- ☐ Increased the total price of this solicitation by _____%.
- ☐ Decreased the total price of this solicitation by _____%.

NAME OF COMPANY: Science Applications International Corporation

ATTACHMENT "A"**SPECIFICATIONS AND REQUIREMENTS****A. GENERAL DESCRIPTION OF THE DISASTER DEBRIS MONITORING SERVICE**

The work involves pre-event and post event services, which may include:

1. Pre-event
 - 1.1. Provide assistance in the preparation for a disaster through participation in meetings, workshops, training sessions and the refinement of Debris Management Plans including data management, debris SharePoint site updates, verification that any Automated Disaster Management System related to load tickets meets Federal and State standards and guidelines and related systems.
 - 1.2. Provide updates regarding FEMA/FHWA guidance and policies
 - 1.3. Recalibrate / update debris estimation models or aids.
 - 1.4. Review temporary debris management sites (TDMS).
2. Post Event
 - 2.1. Assist with damage assessments or debris estimations.
 - 2.2. Perform oversight for road clearance and debris loading by County debris management contractors or force account labor.
 - 2.3. Monitor multiple truck pickups, issue load tickets, record load site information, delineate FEMA designations, and document Debris Removal Contractor actions in cases of damaged property or other field oversight functions.
 - 2.4. Provide TDMS monitoring at various locations, including sites that handle material from multiple jurisdictions, different contractors and or monitoring firms.
 - 2.5. Provide other field services related to dangerous trees (hangers and leaners) and stumps that are within public right of ways or public property.
 - 2.6. Provide technical advice to the County and support Debris Management Center (DMC) operations.
 - 2.7. Provide assistance with FEMA and other submittals, audits, appeals and associated processes, as needed, until final file closeout regarding each individual disaster event.
 - 2.8. The disaster debris monitoring process must be immediate, rapid, and efficient with acceptable cost controls, accountability procedures, written reports and submittals to assure that the County shall have the means to be reimbursed for all eligible disaster recovery costs from appropriate Federal, State and private agencies. Response will typically be activated only in the event of an emergency and in accordance with an awarded contract. Response activation will be through a Work Order and Notice-to-Proceed process. The Monitoring Contractor will be responsible for tracking all of the contract costs and adhering to the 'not to exceed' limit as defined. Proper notification must be given to the County as costs approach this limit. The work will begin upon authorization by the County. No guarantee on minimum or maximum amounts per items bid is made under this Contract. No adjustment to bid prices will be considered due to increases or decreases in estimated quantities or fuel costs.

B. DEFINITIONS

BIDDER - Any individual, firm, or corporation submitting a bid for this contract, acting directly or through a duly authorized representative.

CITY: An incorporated geographical area within the County

MONITORING CONTRACTOR: The Monitoring Contractor is a person or entity that includes employees, partners, principals, agents and assignees who are a party to this agreement for providing services. All references in the Contract Documents to third parties under contract or control of Monitoring Contractor shall be deemed a reference to Monitoring Contractor.

CONTRACT ADMINISTRATOR - The ranking managerial employee of the Broward County Solid Waste and Recycling Services or some other employee expressly designated as Contract Administrator in writing by said ranking managerial employee.

COUNTY: BROWARD COUNTY, a political subdivision of the State of Florida, hereinafter referred to as "COUNTY".

DATA MANAGER: Managers of data collected from monitoring operations and employed by the Monitoring Contractor.

DEBRIS: Debris is scattered items and materials broken, destroyed, or displaced which is generated by an event and is located within a designated area.

DEBRIS COLLECTION MONITOR: Employee of the Monitoring Contractor who observes the Debris Management Contractor removing debris from assigned areas.

DEBRIS MANAGEMENT PLAN: The plan establishes policies, procedures, and guidelines for recovery from debris generating disaster events.

DEBRIS MANAGEMENT CONTRACTOR: A person or entity, including employees, partners, principals, agents and assignees that are under contract with the County to remove storm deposited debris according to federal and state guidelines.

DISPOSAL SITE MONITOR: A Disposal Site Monitor is the designated Monitoring Contractor's employee(s) assigned to the debris disposal site to manage disposal operations and monitor Debris Management Contractor's performance. The duties include, but are not limited to, ensuring the debris is eligible, to quantify and accurately document debris loads consistent with FEMA and FHWA guidelines.

ELECTRONIC TICKET MANAGER: Monitoring Contractor's employee(s) responsible for overseeing the electronic ticket processing.

EMERGENCY OPERATIONS CENTER (EOC): An emergency operations center, or EOC, is a central command and control facility responsible for carrying out the principles of emergency preparedness and emergency management, disaster management functions at a strategic level in an emergency.

EXIT SITE MONITOR: Employees of the Monitoring Contractor who observe outbound trucks at Temporary Debris Management sites.

FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA): FEMA is a funding source to the County for activities during an event declared a disaster by the President of the United States. FEMA eligible debris removal includes second and subsequent passes on FHWA roadways and other roadways not on the federal aid system.

FEDERAL HIGHWAY ADMINISTRATION (FHWA): FHWA, through the Emergency Relief program administered by the County, is a federal funding source for work on Federal-Aid roadways and facilities. FHWA has designated federal aid roadways also known as "on-system" roadways that are eligible for Emergency Relief funding.

FIELD OPERATIONS MANAGER: Employee of the Monitoring Contractor who oversees Debris Management Contractor(s) and general field operations including monitors and data managers.

HAND HELD UNITS (HHU): Hand Held Units are devices provided by the Monitoring Contractor and used for data input and data reading from removable storage media. The HHU are used in electronic debris monitoring.

NOTICE TO PROCEED: This is a written notice issued to the Monitoring Contractor by the County fixing the date on which operations outlined will commence.

PROGRAM MANAGER: County representative of individual County Using Agencies that signs/initiates the Work Order for individual projects.

PROJECT MANAGER: The Project Manager is a Monitoring Contractor employee who functions as the point of contact for the County responsible for the overall project management and coordination of the debris monitoring services required to oversee the debris removal operations.

COUNTY DEBRIS MANAGER: A County staff member who functions as the County's point of contact and is responsible for providing overall supervision of debris clearance, removal, and disposal operations.

SUBCONTRACTOR - A person, firm or corporation having a direct contract with the Monitoring Contractor including one who furnishes material worked to a special design according to the Contract Documents but does not include one who merely furnishes materials not so worked.

SYSTEM: The word "System" is used in reference to the electronic portion of electronic debris monitoring.

SYSTEM DATABASE: A system database is a compilation of all information gathered or reconciled and meets requirements set forth by this Scope of Services.

TEMPORARY DEBRIS MANAGEMENT SITES (TDMS): A Florida Department of Environmental Protection authorized site where debris is stored, reduced, burned, grinded, or sorted. Debris resides at the site for a relatively short period of time prior to final disposal during the debris management process.

C. PERSONNEL

1. The Debris Monitoring Team to be provided by the Monitoring Contractor shall include, but not be limited to, the following positions:
 - 1.1. Project Manager: The primary functions of the Project Manager shall be to manage and supervise the debris monitoring services provided by the Monitoring Contractor and to serve as liaison between the Contract Administrator or designee and the Monitoring Contractor. Services shall be paid utilizing Pay Item No. 1.
 - 1.2. Supervising Monitors: The Supervising Monitors shall coordinate actions of field and TDMS monitors, verify debris eligibility, ensure verification and photographic documentation of hazardous trees (leaners and hangers), coordinate daily operations with Debris Management Contractors, review damage report / resolve complaints, and compile necessary reports. Services shall be paid utilizing Pay Item No. 2.
 - 1.3. Debris Management Advisor: The Advisor is an experienced professional(s), who may assist the County in the operations and coordination of activities at the Debris Management Center. The qualified individual (s) must have direct debris management experience, including the management of debris removal operations, the oversight of temporary debris storage and reduction sites, debris recycling and disposal. Emphasis on management and coordination of post debris causing event recovery and FEMA reimbursement guidelines are required. Services shall be paid utilizing Pay Item No. 3.
 - 1.4. Field Operations Manager: The primary functions of the Field Operations Manager shall be to oversee the field operations and the performance of Supervising Monitors, compilation of operational reports, recommend approaches that maximize efficiency and ensure that safety measures are followed. Services shall be paid utilizing Pay Item No. 4.
 - 1.5. Roving Monitors: The function of the Roving Monitors is to verify that only eligible debris is being removed from eligible property within assigned debris pick-up locations in the County. The Roving Monitors shall also photographically document hazardous trees (leaners and hangers). Services shall be paid utilizing Pay Item No. 5.

- 1.6. Loading Site Monitors: The primary functions of the Loading Site Monitors are to complete and issue debris load tickets for eligible debris cleared and removed at locations designated by the Debris Management Center and to verify that only eligible debris is being removed from the designated eligible sites within assigned debris pick-up zones in the County. The loading site monitor shall also photographically document hazardous trees (leaners and hangers). Services shall be paid utilizing Pay Item No. 6.
- 1.7. TDMS Site Monitors: The primary function of the TDMS Site Monitors is to complete the load ticket and estimate volumes that have been transported to the debris management site for processing, storage, and disposal. TDMS Site Monitors shall also verify that all trucks leaving the site have completely emptied all debris from the trucks. Services shall be paid utilizing Pay Item No. 7.
- 1.8. Data Manager: The function of the Data Manager is to oversee the processing of load ticket information, including QA/QC aspects that ensure documentation is maintained in accordance with all Federal, State and County requirements. This may involve use of electronic monitoring equipment or other approaches as approved by the County. The Electronic Ticket Manager would oversee such data functions. Services shall be paid utilizing Pay Item No. 10.

D. EMPLOYMENT REQUIREMENTS

1. Data Manager: A Data Manager should have a minimum of two years of experience working with a relational database management system. The Data Manager will work under the supervision of the Project Manager.
2. TDMS Monitors (Debris Collection Monitors, Exit Site Monitors, and Disposal or Tower Monitors): Must have a High School Diploma or GED, and have a valid driver's license issued in the United States. They must be capable to work outside and climb a staircase ladder of ten (10) feet height. They must attend a one-half day debris monitor training session to be conducted at a location specified by the Field Operations Manager before the start of their first shift. Training will be the responsibility of the Monitoring Contractor and must be approved by the County.
3. Field Operations Manager: A Field Operations Manager should have a minimum of two years of prior experience in disaster debris management. The Field Operations Manager will work under the supervision of the Project Manager.
4. Project Manager: A Project Manager should have a minimum of five years of experience in disaster debris management. The Project Manager must also be a permanent staff employee of the Monitoring Contractor.

E. SAFETY AND HEALTH STANDARDS

1. Whenever present at a loading site or a debris management site, all personnel of the Monitoring Contractor must wear required safety equipment as necessary, to comply with all OSHA, Federal, State and local requirements. The following are mandatory: hardhat; reflective vest; safety shoes; long pants; appropriate cold or rainy weather clothing; eye and hearing protection and shall be provided by the Monitoring Contractor at no additional cost to the County.
2. The Monitoring Contractor shall maintain a telephone contact list at each loading site and debris management site of the employees' supervisor, Project Manager, the Debris Management Center and nearest fire, police and emergency medical facilities.
3. The Monitoring Contractor shall ensure that personnel of the Monitoring Contractor adhere to all appropriate site safety requirements.

F. OTHER CONSIDERATIONS

1. The Monitoring Contractor shall supervise and direct all work using qualified labor and proper equipment for all tasks. Safety of the Monitoring Contractor's personnel and equipment is the

responsibility of the Monitoring Contractor. Additionally, the Monitoring Contractor shall pay for all materials, personnel, taxes and fees necessary to perform work under the terms of the contract.

2. The Monitoring Contractor must perform all work in accordance with Federal and State statutory and regulatory requirements.

G. OPERATIONAL REQUIREMENTS

1. General Operations Procedures: The County has contracts to remove and transport disaster debris from the public access roadways, rights-of-way and public property within the County to designated debris management sites. Each load of eligible debris shall be tracked using a multi-page load ticket. The Debris Management Contractor, or the County, shall provide the load tickets to be used. The load tickets shall be inventoried and logged by the Monitoring Contractor.
2. Within forty-eight (48) hours of the issuance of the Work Order, the Monitoring Contractor shall be prepared to provide qualified, on-site personnel to monitor debris-receiving operations at debris management sites located throughout the County. Additional sites may be added as debris removal efforts increase. The Monitoring Contractor must be prepared to provide a minimum of two (2) Temporary Debris Management Site (TDMS) Monitors per day, for a minimum of a twelve to fourteen (12-14) hour shift, seven (7) days per week.
3. The Monitoring Contractor must be prepared to provide Roving Debris Monitors as necessary and needed to monitor and verify eligible debris removal functions. The Roving Debris Monitors must be prepared to operate a minimum of twelve to fourteen (12-14) hours per day, seven (7) days per week.
4. The Monitoring Contractor shall provide all management, supervision, labor, logistical support, transportation, mobile communications equipment, computer equipment, safety equipment, digital cameras, video cameras and other equipment necessary to initiate and to safely and accurately perform all of the County's debris monitoring activities. Mobile communications equipment shall be sufficient to allow all monitors to remain in contact with dispatch and supervisor(s) at all times.
5. The Monitoring Contractor shall maintain and update:
 - A log of damages reported, damage corrections and releases for work by either the property owner or the County.
 - A log of the tickets inventoried, issued, and/or voided.
 - Tower logs of ticket information.
 - Map books issued by the County, marking work completed with date and daily log of activities.
 - A log of ineligible debris piles.
6. The Monitoring Contractor shall be responsible for determining what permits shall be necessary to perform work under the proposed contract. As applicable, the County or Debris Management Contractor shall be responsible for payment for operational permits. Copies of all permits shall be submitted to the Contract Administrator before commencing work.
7. During the performance of this contract, the Monitoring Contractor shall be responsible for correcting any notices of violations issued because of actions or operations of the Monitoring Contractor, or its subcontractors. Corrections for any such violations shall be at no additional cost to the County.
8. The Monitoring Contractor shall be responsible for paying any and all costs associated with violations of law or regulation relative to the activities of the Monitoring Contractor. Such costs might include but are not limited to: site cleanup and remediation; fines; administrative and civil penalties; and third party claims imposed upon Broward County by any regulatory agency, or third party as a result of

noncompliance with Federal, State or local environmental laws and regulations, or nuisance statutes by Monitoring Contractor, its subcontractors, or any other persons, corporations, or legal entities retained by the Monitoring Contractor under this contract.

9. Subcontractors: If there is intent to use subcontractors, headed by the primary Monitoring Contractor who will be responsible for the entire engagement, a guarantee of performance of all subcontractors is required. If subcontractors are proposed, the bidder should include all information on every subcontractor, including management, experience, references and expertise. Prior to the initiation of the project, any subcontractor should be approved by Broward County.
10. General Services – Attachment “B”

H. DELIVERABLES

1. At a minimum, the following deliverables must be provided to the County at the completion of the event response effort. However, deliverables shall be in no way limited to the following list. At its sole discretion, the County may add and/or delete deliverables to meet the needs of the County. The minimum deliverables to be provided include:
 - 1.1. A log of damages reported, damage corrections and releases for work by either the property owner of the County.
 - 1.2. Original load tickets, boxed, bound by date and sorted by ticket number;
 - 1.3. Electronic ticket logs including information from ticket;
 - 1.4. Daily tower logs;
 - 1.5. Daily logs with list of all personnel with signatures and initials;
 - 1.6. Binder(s) with damage reports, completed repairs, and releases (if applicable);
 - 1.7. Binders with issues and final resolution;
 - 1.8. Map books boxed by pass with daily logs;
 - 1.9. List of tickets issued by monitors, and list of lost/voided tickets;
 - 1.10. Each Ineligible debris pile will be tagged, in a format approved by the County, and a list compiled and submitted to the County.
 - 1.11. Daily Operational Reports shall be prepared by the Monitoring Contractor and submitted to the County throughout the duration of the recovery operations. The reports shall document the Debris Management Contractors' activities and progress from the previous day and shall be submitted by 10:30 a.m. to the Contract Administrator or designee. Each daily report shall contain the following minimum information:
 - a) Correct and accurately completed load tickets consistent with all reporting documents;
 - b) The times of operation of all debris loading trucks;
 - c) Reports, maps and graphs to delineate production rates of crews and their equipment, progress by area and estimations of total quantities remaining, time to completion and daily cumulative cubic yards of debris removed, processed and hauled.
2. The Final Report will be prepared by the Monitoring Contractor and submitted to the Contract Administrator within thirty (30) days of completion of the recovery operations. Recovery Operations include closure and remediation of TDMS and conclusions of all related operations. At a minimum, this report will include a discussion of disaster response requirements and results and recommendations for future disaster responses.
3. All deliverables will be submitted both electronically, in a format specified by the Contract Administrator and by hard copy on paper.

I. PAYMENT

1. The hourly rates shall be fully loaded including all costs, (including taxes, benefits, handling charges, equipment, rentals, reproduction, lodging, meals and transportation), all applicable overhead, profit, and any other expenses necessary for the performance of the contract.
2. Billable time shall include hours when debris-hauling trucks are in operation, as well as reasonable start-up and close of day actions. Billable time shall be supported with daily timesheets or other documentation processes as approved, in writing, by the Contract Administrator.
3. All load tickets, forms, reports and other deliverables shall be accurately and correctly submitted in the initial instance of submittal. The Monitoring Contractor shall not bill and shall not be paid for time spent by any personnel to correct a load ticket, form, report, or other deliverable.
4. No overtime rates will be paid.
5. Payment Schedule - Invoices will be processed for payment only after approval by the Contract Administrator, or designee. The Monitoring Contractor shall be responsible for reviewing the Debris Management Contractor's deliverables and invoices, for certifying their consistency with the Monitoring Contractor's deliverables and invoices and for resolving any discrepancies that may exist. Approval for payment shall not be granted until appropriate deliverables are received and determined to be correct, accurate and consistent by the user agency's Program Manager.

J. Davis-Bacon Act (Exhibit 1)

1. The Davis-Bacon Act, as amended, requires that each contract over \$2,000 to which the United States, or the District of Columbia, is a party to for the construction, alteration, or repair of public buildings or public works shall contain a clause setting forth the minimum wages to be paid to various classes of laborers and mechanics employed under the contract. Under the provisions of the Act, contractors or their subcontractors are to pay workers employed directly upon the site of the work no less than the locally prevailing wages and fringe benefits paid on projects of a similar character. The Davis-Bacon Act directs the Secretary of Labor to determine such local prevailing wage rates. A "wage determination" is the listing of wage rates and fringe benefit rates for each classification of laborers and mechanics, which the Administrator of the Wage and Hour Division of the U. S. Department of Labor has determined to be prevailing in a given area for a particular type of construction (e.g., building, heavy, highway, or residential).
2. Project wage determinations are issued at the specific request of a contracting agency; each is applicable to the named project only; and expires 180 calendar days from the date of issuance unless an extension of the expiration date is requested by the agency and approved by the Wage and Hour Division. If such a determination is not used in the period of its effectiveness, it is void. Project determinations are issued in response to contracting agencies submitting to the Wage and Hour Division a Standard Form 308 requesting a wage determination.
3. Debris monitoring activities on federal roads for which cost reimbursement is being sought from the Federal Highway Administration may be subject to Davis-Bacon Act requirements. Debris monitoring activities to which the Davis-Bacon Act requirements are applicable shall be reimbursed at the Monitoring Contractor's hourly rate(s) as stipulated in the contract to be executed because of this procurement, or at the prevailing wage rate as determined by Davis-Bacon Act procedures, whichever is higher. It shall be the responsibility of the Monitoring Contractor to submit a Standard Form 308 and/or other necessary form(s) to the Wage and Hour Division of the Department of Labor to request a Davis-Bacon Act wage determination. The wage determination secured from the Wage and Hour Division of the Department of Labor shall be provided by the Monitoring Contractor to the County. It shall additionally be the responsibility of the Monitoring Contractor to abide by all Davis-Bacon Act requirements and to be knowledgeable about the applicability of the Act. Monitoring Contractor shall

be financially responsible for any expenses or denied reimbursement due to the failure to adhere to Davis-Bacon Act requirements.

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ATTACHMENT "B"**GENERAL SERVICES TO BE PROVIDED BY THE MONITORING CONTRACTOR****A. Pre-event**

The pre-event services performed by the MONITORING CONTRACTOR may include:

1. Debris Management Plan and Standard Operating Procedures updates
2. Inter-agency cooperative exercises and training
3. FEMA/FHWA guidance and policy
4. Debris Management Contractor Bid preparation and review

B. Post-event

The listed services performed by the MONITORING CONTRACTOR may include:

1. Contract Administration
2. Damage assessment
3. Environmental assessment of temporary debris management sites
4. Truck Certification
5. Debris Removal Monitoring
6. TDMS Monitoring accommodating multiple municipalities / agencies
7. Quality Assurance and Quality Control of all documentation pertaining to debris management monitoring.
8. Assist the County in responding to public inquiries.
9. Be available to address questions from FEMA and FHWA both during and after services have been performed.
10. Review and validate Debris Management Contractor(s) invoices prior to submission to the County for processing.

C. Debris Monitoring Operations:

The Monitoring Contractor shall coordinate with the County to schedule debris removal monitoring and Debris Management Contractor operations. The Monitoring Contractor shall provide the following:

The Project Manager shall assign Field Operations Manager(s) to oversee the Debris Management Contractor(s), monitors, and a Data Manager. The Data Manager shall provide supervision of the data entry operations and documentation process. Project Manager duties include but are not limited to the following:

1. Ensure a sufficient number of trained debris monitors are available to monitor the "first push" (cut and toss) operations.
2. Ensure a sufficient number of trained debris monitors are available to monitor all "first pass" and subsequent passes of debris removal and hauling activities.
3. Provide TDMS (tower / disposal site) monitors to observe and record all debris loads entering the temporary debris management sites.
4. Provide tower / disposal site monitors to observe and record all debris loads exiting the temporary debris management sites for final disposal.
5. Provide data entry and document processing personnel, if applicable.
6. Conduct safety meetings with field staff, as necessary, and ensure that personnel of the Monitoring Contractor adhere to all appropriate site safety requirements.
7. Respond to and document issues regarding complaints, damages, accidents or incidents involving the Debris Management Contractor or its personnel and ensure that they are fully

documented and reported.

8. Coordinate daily briefings with the County and the Debris Management Contractor(s) and daily status reports of work process and staffing.
9. Ensure the documentation of environmental authorizations and/or permits for temporary debris management sites and final disposal.
10. Review and reconcile Debris Management Contractor invoices submitted to the County.
11. Preparation of interim operation status reports, and final report, as directed by the County.

D. Field Monitoring

The Monitoring Contractor shall provide trained staff in sufficient numbers to adequately monitor all operations supervised by Field Operations Managers. Duties of monitors shall include, but are not limited to, the following:

1. Truck certification and documentation of all vehicles used in the debris removal activities.
2. Quality assurance / quality control (QA/QC) of truck certification measurements throughout life of project.
3. Provide monitoring services and documentation of all eligible debris removal activities from Federal Aid eligible roadways – First Push (Cut & Toss) and First Pass.
4. Provide monitoring services and documentation of all eligible debris removal activities on public rights-of way or on public property, as directed by the County.
5. Ensure that the Debris Management Contractor does not collect ineligible debris, unless directed in writing by the County.
6. TDMS (Disposal Site / Tower) Monitors will observe and record the truck quantity estimates of inbound and outbound debris.
7. TDMS (Exit Site) Monitors will observe that all outbound trucks are fully discharged of their load prior to exit of the temporary debris management site.
8. Monitors will ensure that accurate, legible, and complete documentation is provided through load tickets, truck certifications, and/or other logs and reports, as required.
9. Maintain photo documentation of the debris removal trucks and activities, specifically of the hazardous stump removal process, hangers, leaners, or tree removal and/or other special or unusual occurrences in the field.
10. Document and report activities to the County that may require remediation, such as fuel spills, hazardous materials collection locations, and other similar environmental concerns.
11. Document and report to the County damages, which occur on public or private property because of the debris removal operations.
12. Document and report to the County any violations of TDMS permit conditions.
13. Respond to problems in the field to include residential and commercial property damage claims in the process of debris removal.
14. Investigate and document damage or other claims;

E. Data Management and Documentation

The Monitoring Contractor shall ensure all necessary documentation is provided as follows:

1. Ensure all eligible debris removal operations activities are documented and tracked specific to the FHWA-Emergency Response Program, the FEMA Public Assistance Program or other applicable Federal, state or local agencies.

2. Documentation of the number of crews and types of equipment utilized, actual hours of operation, and locations of work performed during the time and materials phase of operations.
3. Completion of truck certifications, equipment certifications, and establishment of a QA/QC program throughout the life of the project.
4. Load tickets documenting the eligible debris removal and/or disposal activities by the applicable program FHWA – ER or FEMA PA, and/or other federal, state or local programs as outlined in and in accordance with the Debris Management Plan.
5. Documentation of eligible hazardous stump removal, hangers, leaners, or tree removal, which includes photos, GPS, coordinates street or milepost identifier, and/or other information as available and applicable.
6. Environmental authorizations and/or permits, as applicable.
7. Daily electronic spreadsheet summaries of cubic yards / tons collected by the Federal program. The daily summary shall be communicated to the County Debris Manager or designee.
8. Production in electronic format (scanned) and paper copies of all documentation for submittal to Federal and/or State agencies.
9. Provide certified weigh master if necessary.
10. Assist the County in creating field maps using GIS, as well as track and present Debris Management Contractor progress in GIS.
11. Organize, maintain, and provide the County electronic copies of documentation in a satisfactory manner. All documentation and information related to the project shall be surrendered to the County upon the completion of the project.

Sample WORK ORDERS are provided in Attachment “C”.

The Monitoring Contractor, subject to County approval, may exercise the option to utilize electronic debris monitoring. If exercised, the Monitoring Contractor must comply with requirements set forth in Attachment “D”.

ATTACHMENT "C"**Sample Work Orders**Work Order XXScope of Service for Debris Management Center – Post Event Services

Task A Provide disaster debris monitoring support services for Broward County's immediate disaster debris response, including:

- Provide rapid assessment services for County agencies related to County buildings, County parks, County roadways and unincorporated areas, including initial cost estimations for Project Worksheets.
- Develop and process Debris Management Work Orders for various County agencies.
- Identify supplemental staffing requirements and assist with development of bid specifications and performance standards for DMC subcontractors.
- Provide effective coordination or multiple contractors / monitoring firms as related to county or countywide responses.

Task B Provide technical support related to various DMC operations, including:

- Liaise with EP&GMD, county/city coordinators /city contractors related to TDMS establishment.
- Assist with environmental permitting, land acquisitions, private property lease agreements, or other actions related with debris management sites.
- Examine matters related to debris disposal at out-of-area facilities and address cost impacts / justifications.
- Clarifications on FHWA, FEMA, and NRCS jurisdiction and other Public Assistance considerations
- Provide supplemental support related to GIS and IT functions.
- Provide other technical assistance as requested.

Task C Provide administrative support related to DMC operations, including:

Provide assistance with incident reports, progress reports related to county and countywide debris removal operations

- Assist user agencies with specification development and procurement actions for support subcontractors
- Assist with customer service center operations and respond to resident and municipal inquiries as appropriate.
- Assist with designated functions related to operational accounting and billing systems
- Provide grant administration support.
- Provide public information support - gathering data, developing press release development, making presentations or handling interviews.
- Provide other supplemental administrative support as requested

ATTACHMENT “C”
(Continued)

Sample Work Orders

Work Order XX

Scope of Service County Facilities– Post Event Services

Task A Provide Disaster Debris Field Monitoring Services in and for County Facilities, including:

- Certify trucks and issue placards in accordance with County Debris Management Plan
- Issue and sign multipart load tickets from field monitored positions
- Validate that field monitors actively monitor debris hauler crews to prevent comingled or split loads of debris from being collected at County facilities
- Coordinate all documentation and associated oversight functions related to hangers, leaners and stumps, in accordance with FEMA requirements
- Implement and maintain a disaster debris operations management system linking load ticket and TDMS information to support reconciliation and documentation
- Troubleshoot collection delays and other operational issues in work areas
- Validate claims related to damaged property
- Provide daily and weekly update reports to the Project Manager and Contract Administrator in a mutually agreed format
- Perform other related assignments as directed by the debris management operational office or designated County personnel
- Provide copies of the weekly payroll time sheets in an electronic format for the field monitors to the Project Manager and Contract Administrator for approval.

Task B Provide administrative support related to documentation and records organization, including:

- Provide scanned load tickets and other electronic and hard copy support documentation required for FEMA reimbursement.
- Review and reconcile debris hauler invoices and make payment recommendations to the County
- Provide assistance in preparation of FEMA Project Worksheets
- Establish records management system consistent with latest FEMA review protocols
- Provide data from the debris load tickets in an acceptable electronic format for import into the County's billing system.

Task C Provide administrative support for reimbursement appeals

- Provide assistance in providing necessary justification and documentation to support the appeal within sixty (60) days of receipt of the notice of action.

ATTACHMENT “C”
(Continued)

Sample Work Orders

Work Order XX
Scope of Service County Parks – Post Event Services

Task A Provide Disaster Debris Field Monitoring Services in and for County Parks, including:

- Certify trucks and issue placards in accordance with County Debris Management Plan
- Issue and sign multipart load tickets from field monitored positions
- Validate that field monitors actively monitor debris hauler crews to prevent comingled or split loads of debris from being collected at County parks
- Coordinate all documentation and associated oversight functions related to hangers, leaners and stumps, in accordance with FEMA requirements
- Implement and maintain a disaster debris operations management system linking load ticket and TDMS information to support reconciliation and documentation
- Troubleshoot collection delays and other operational issues in work areas
- Validate claims related to damaged property
- Provide daily and weekly update reports to the Project Manager and Contract Administrator in a mutually agreed format
- Perform other related assignments as directed by the debris management operational office or designated County personnel
- Provide copies of the weekly payroll time sheets in an electronic format for the field monitors to the Project Manager and Contract Administrator for approval.

Task B Provide administrative support related to documentation and records organization, including:

- Provide scanned load tickets and other electronic and hard copy support documentation required for FEMA reimbursement.
- Review and reconcile debris hauler invoices and make payment recommendations to the County
- Provide assistance in preparation of FEMA Project Worksheets
- Establish records management system consistent with latest FEMA review protocols
- Provide data from the debris load tickets in an acceptable electronic format for import into the County's billing system.

Task C Provide administrative support for reimbursement appeals

- Provide assistance in providing necessary justification and documentation to support the appeal within sixty (60) days of receipt of the notice of action.

ATTACHMENT “C”
(Continued)

Sample Work Orders

Work Order XX

Scope of Service County Roadways– Post Event Services

Task A Provide Disaster Debris Field Monitoring Services in and for County Roadways, including:

- Certify trucks and issue placards in accordance with County Debris Management Plan
- Issue and sign multipart load tickets from field monitored positions with special attention to FEMA versus FHWA roadways
- Ensure that field monitors take the necessary action to have clean loads (no comingled or split loads) for debris collected from federal roads.
- Provide tower monitors to documents loads processed at any stand-alone HBMD temporary debris management site (TDMS), if requested.
- Coordinate all documentation and associated oversight functions related to hangers, leaners and stumps, in accordance with FEMA and FHWA requirements
- Implement and maintain a disaster debris operations management system linking load ticket and TDMS information to support reconciliation and documentation
- Troubleshoot collection delays and other operational issues in work areas
- Validate claims related to damaged property
- Provide daily and weekly update reports to the Project Manager and Contract Administrator in a mutually agreed format
- Perform other related assignments as directed by the debris management operational office or designated County personnel
- Provide copies of the weekly payroll time sheets in an electronic format for the field monitors to the Project Manager and Contract Administrator for approval.

Task B Provide administrative support related to documentation and records organization, including:

- Provide scanned load tickets and other electronic and hard copy support documentation required for FEMA and/or FHWA reimbursement.
- Review and reconcile debris hauler invoices and make payment recommendations to the County
- Provide assistance in preparation of FEMA Project Worksheets and/or FHWA DDIR documents
- Establish records management system consistent with latest FEMA and FHWA review protocols
- Provide data from the debris load tickets in an acceptable electronic format for import into the County's billing system.

Task C Provide administrative support for reimbursement appeals

- Provide assistance in providing necessary justification and documentation to support the appeal within sixty (60) days of receipt of the notice of action.

ATTACHMENT “C”
(Continued)

Sample Work Orders

Work Order XX

Scope of Service Unincorporated County Roadways– Post Event Services

Task A Provide Disaster Debris Field Monitoring Services in and for Unincorporated Broward County Service Areas, including:

- Certify trucks and issue placards in accordance with County Debris Management Plan
- Issue and sign multipart load tickets from field monitored positions with special attention to FEMA versus FHWA roadways
- Ensure that field monitors take the necessary action to have clean loads (no comingled or split loads) for debris collected from federal roads.
- Coordinate all documentation and associated oversight functions related to hangers, leaners and stumps, in accordance with FEMA requirements
- Implement and maintain a disaster debris operations management system linking load ticket and TDMS information to support reconciliation and documentation
- Troubleshoot collection delays and other operational issues in work areas
- Validate claims related to damaged property
- Provide daily and weekly update reports to the Contract Administrator in a mutually agreed format
- Perform other related assignments as directed by the debris management operational office or designated County personnel
- Provide copies of the weekly payroll time sheets in an electronic format for the field monitors to the Contract Administrator for approval.

Task B Provide administrative support related to documentation and records organization, including:

- Provide scanned load tickets and other electronic and hard copy support documentation required for FEMA and/or FHWA reimbursement.
- Review and reconcile debris hauler invoices and make payment recommendations to the County
- Provide assistance in preparation of FEMA Project Worksheets and/or FHWA DDIR documents
- Establish records management system consistent with latest FEMA review protocol
- Provide data from the debris load tickets in an acceptable electronic format for import into the County's billing system.

Task C Provide administrative support for reimbursement appeals

- Provide assistance in providing necessary justification and documentation to support the appeal within sixty (60) days of receipt of the notice of action.

ATTACHMENT “C”
(Continued)

Sample Work Orders

Work Order XX

Scope of Service County TDMS – Post Event Services

Task A Provide Disaster Debris TDMS Monitoring Services in and for Broward County, including:

- Perform operational plan reviews and provide recommendations.
- Collect baseline environmental information according to local, State and Federal agency requirement for designated sites prior to site operation.
- Collect on-going environmental data per to local, State and federal agency requirements for designated sites.
- Complete load tickets and estimate volumes that have been transported to and from the TDMS.
- Report any unsafe practices or risks associated with TDMS operations.
- Troubleshoot processing and final disposal delays and other operational issues in work areas.
- Validate claims related to damaged property.
- Provide daily and weekly update reports to the County's Project Manager in a mutually agreed format.
- Perform other related assignments as directed by the debris management operational office or designated County personnel.
- Provide copies of the weekly payroll time sheets in an electronic format for the field monitors to the County's Program Manager for approval.

Task B Provide administrative support related to documentation and records organization, including:

- Process load tickets and provide scanned or other electronic and hard copy support documentation required for FEMA and/or FHWA reimbursement.
- Review and reconcile debris hauler invoices by jurisdiction and make payment recommendations to the County.
- Utilize records management system consistent with latest FEMA review protocol.
- Provide data from the debris load tickets in an acceptable electronic format for import into the County's billing system.

Task C Provide administrative support for reimbursement appeals

- Provide assistance in providing necessary justification and documentation to support the appeal within sixty (60) days of receipt of the notice of action.

Attachment “D” - Electronic Monitoring

The Monitoring Contractor, as approved by the County, may exercise the option to utilize electronic debris monitoring and if chosen, the Monitoring Contractor must comply with requirements set forth in Attachment “D”, as well as all other requirements contained in this document at no additional cost to the County.

A. Equipment Requirements

1. Data Storage Media – Debris management data will be stored and transferred on encryption protected removable data storage media. All data media will be provided by the Monitoring Contractor. Data must include a unique user ID that identifies the user’s role, limits the user’s ability to collect or validate information, etc. and employs an anti-tampering mechanism. Monitoring Contractor shall provide media to each person performing a debris mission role that results in data collection, i.e., drivers, ticket managers, etc.
2. Handheld Units (HHU) - The Monitoring Contractor will provide weather proof and shock resistant handheld units (HHU) for recording debris management data in the field. These HHU devices will be capable of writing data to, and reading data from, the removable data storage media. HHUs shall have the capability to determine locations by GPS and the capability to write GPS coordinates to the removable media. The HHUs will perform two functions: (1) Recording of initial load data information, and (2) verification of vehicle certification, and recording of debris type and quantity and (3) All field units will be operated by stand-alone power sources which will allow the units to perform uninterrupted for a shift.
 - (a) HHUs capable of recording truck certification data onto driver removable media are used at the truck certification area. Truck certification records will include truck measurements, Truck ID, Driver ID and a digital photograph of the truck and trailers.
 - (b) HHUs capable of recording user ID information, including a unique user ID, digital photograph and any additional user information required for system operation.
 - (c) GPS- HHU units shall have integrated GPS capability. GPS readings (accuracy within 3 meters of the HHU) shall automatically be recorded without any additional manual effort each time the HHU unit records and retrieves information related to the debris mission. External GPS units shall have reliable connectivity to the HHU and be rugged and durable.
3. Durable Printer – The Monitoring Contractor shall provide a durable printer to print load tickets at the request of the County. Once the tower manager completes the load data entries the information shall be transmitted to the printer. The printer will print a minimum two copies of the ticket. Two copies shall be given to the driver (one copy for the driver and the other for the prime Debris Management Contractor. The HHU should have program flexibility to alter the number of printed tickets. The printed ticket paper and print shall be of a quality that the print is not affected by harsh weather conditions and does not fade over time, nor smear or deteriorate due to moisture or UV rays. All field units will be operated by stand-alone power sources, which will allow the units to perform uninterrupted for a minimum of a shift.
4. Server(s) – The Monitoring Contractor shall provide computer servers for the storage and maintenance of records. The data contained in the Monitoring Contractor’s database shall be placed on the Internet for controlled use, and be password protected by the Monitoring Contractor. Upon completion of the work, the Monitoring Contractor shall surrender the records to the County who shall maintain the official database and records on its government furnished secure server. Access to the County server is limited to “Official Use Only”. The County server is provided and maintained by the County.

5. Back-up equipment – In the event of equipment malfunction, loss or damage, the MONITORING CONTRACTOR shall assure a sufficient supply of replacement equipment and personnel are available such that production is not affected. The back-up equipment shall be readily available on-site for rapid distribution.
6. GIS – GIS mapping shall be provided by the Monitoring Contractor from the most current source(s) available. This information shall be used as a base map to visually illustrate work zones, ticket and tower personnel locations and activities, work progress, historically and/or environmentally sensitive areas, geospatial data and other mission informational needs from the data gathered by the HHUs.
7. Internet Accessible database – The Monitoring Contractor will establish a web based database that is updated daily if not real-time. The data shall be accessible, by permission only, to sub-contractors, local and state officials and others on a “need to know” basis. Database access will be role-based and no direct access to the data tables shall be allowed, unless approved by the County.

B. General Statement of Electronic Debris Monitoring system Parameters

1. The system must utilize an encryption protected removable data storage device. The data storage device will store data collected in the field, such as fields from traditional debris paper load tickets as well as truck certification information. The device must be capable of depicting images and other identifying data.
2. The system must have a database capable of storing all data collected in the field. The Monitoring Contractor shall provide the County a copy of the database with a matching structure at the completion of the work unless otherwise specified.
3. The system must include the capability to share database records with contractors, sub-contractors, the County, and others via the internet. Data contained in the system must be password protected, implement role-based access controls and must have viewing, printing and editing capabilities. Each contractor, subcontractor and customer must have permissions that allow only them to review and print information specific to their need. The system shall also have the capability to generate reports on all aspects of the debris mission.
4. The Monitoring Contractor uses the HHU to initiate the load data by entering the debris type into the HHU. The driver's media card will either be swiped or inserted into the HHU and the HHU will write the debris type, pick-up GPS location), address of pick-up if applicable, time, date, truck certification and driver information, and the ticket manager's unique ID Code onto the removable media. Once the data is written to the media, the Ticket Manager will return the media to the driver. By this action, the Monitoring Contractor verifies the debris meets FEMA and FHWA eligibility requirements,
5. HHUs are used at the debris verification area of disposal site(s) by tower manager. The vehicle driver presents the removable media, which was previously initiated by the field monitor, to the tower manager personnel located in the disposal site tower(s). The tower manager verifies the debris classification is appropriate (vegetative, C&D, mixed, etc. and manually revises, if needed), verifies vehicle(s) and driver information is correct, estimates and enters the load quantity into the HHU. The HHU will automatically extract the information recorded earlier on the smart card and add the information to the tower manager's HHU including the date, time debris arrives, site ID, GPS readings, load quantity and tower manager unique ID Code.
6. All information regarding each debris load will be stored in the HHUs internal memory or on a separate, encryption protected removable media device. The debris load information will be uploaded to the system and Monitoring Contractor databases. Once this information is recorded, the tower manager HHU will clear the removable media's debris data for the driver to re-use.

7. The media will retain a running total of the quantity and type of debris hauled by a particular vehicle. All debris load information within the tower manager HHU will be retained until upload to the database has been accomplished and confirmed by authorized personnel. Direct access to data on the HHU will be restricted to personnel specifically authorized to do so by the County.

C. Functional Specifications and System Architecture

1. Ticket/Tower Managers – Personnel Registration, Administration and Management: The system shall have the capability to manage user roles. The majority of the system users will be either Ticket or Tower Managers. At a minimum, the system must have the following capabilities:
 - 1.1. A means to create encryption protected electronic media with unique User ID, digital photograph, user roles and other identifying data
 - 1.2. Electronic registration of ticket/tower monitor
 - 1.3. Link designated ticket/tower personnel roles to a specific mission
 - 1.4. The ability to edit ticket/tower personnel roles i.e., create, update and delete
 - 1.5. Store ticket/tower personnel contact information relative to the mission
 - 1.6. Track and Manage ticket/tower personnel role and status
 - 1.7. Assign and track equipment assigned to the user
 - 1.8. Reject invalid ticket/tower personnel credentials
 - 1.9. Reject invalid certification credentials
2. Truck Certification: The system shall have the capability to record truck and trailer certification data. Truck certification is used to register authorized debris hauling vehicles and equipment. At a minimum, the following must be included:
 - 2.1. A means of electronically registering authorized Debris Monitoring Contractor vehicles and equipment
 - 2.2. Link electronic registration to digital images; identify mission and respective County or City.
 - 2.3. Generate unique ID's for Debris Management Contractor vehicles and equipment
 - 2.4. Utilize uniform measurements e.g. feet and inches
 - 2.5. Capture vehicle volume
 - 2.6. Utilize industry standard equations for all volume calculations
 - 2.7. Capture drivers and certification team member unique identification number
 - 2.8. A means to create encryption protected electronic driver removable media with unique Truck ID, digital photograph, truck and /or trailer measurements, vehicle volume, and other identifying data
 - 2.9. Must depict image and other identifying data
 - 2.10. Must contain counter area for total cubic yards hauled
 - 2.11. Must employ anti-tampering mechanism
 - 2.12. Capability to recertify vehicles
 - 2.13. Recertified vehicles must be recorded in an audit table
 - 2.14. Certification data must be associated to authorized system user
 - 2.15. Reject media which are not associated with current event and applicant
 - 2.16. Capture vehicle audit records
 - 2.17. Create a printed certification record

- 2.18. Administrative reporting capabilities
3. Right-of-Way (ROW) Debris Management: ROW transactional data must be captured, stored, validated, audited, reported and transmitted to mission managers, Debris Management Contractors and applicants. At a minimum, the application must exhibit the following characteristics:
 - 3.1. Allow creation of point of origin load data on encryption protected driver media when position is known and credentials have been authenticated
 - 3.2. Capture date and time and other relevant point of origin data
 - 3.3. Validate media is present in system and configured to receive data
 - 3.4. Designate debris type
 - 3.5. Designate debris location as Federal Aid or Non-Federal Aid
 - 3.6. Designate first pass and subsequent passes
 - 3.7. Write point of origin load data using encrypted storage algorithms
 - 3.8. Associate ticket/tower personnel credentials with point of origin load data
 - 3.9. Acknowledge successful card write via display status message
 - 3.10. Provide user configurable time option for GPS audit
 - 3.11. Detect current location using GPS and store data to secure memory location
 - 3.12. Provide capability to add digital image if debris is other than vegetative or C&D
4. Debris Disposal Site Management: Completed ROW, and Per-unit point of origin transactions must be received at the approved disposal site. Transactions are not considered complete until they are processed thru the receiving applications. At a minimum, the system must provide the capability to:
 - 4.1. Accept site configuration data at the beginning of each work day
 - 4.2. Dynamically configure receiving application based on site configuration data
 - 4.3. Display certification data and photo from driver smart card so that ticket/tower personnel can perform a field audit of truck/trailer to assure data matches certification and placard number
 - 4.4. Accept loads where:
 - 4.5. Designate debris type
 - 4.6. Record debris volume (based on unit of measure)
 - 4.7. Receive volume or per unit loads
 - 4.8. Identify original load data
 - 4.9. Identify duplicate load data
 - 4.10. Configure number of hard copies
 - 4.11. Create load data record in internal storage
 - 4.12. Create backup copy of internal storage
 - 4.13. Prepare driver media for next load
 - 4.14. Increment driver smart card based on total CY counter value
 - 4.15. Continuously calculate and present real-time disposal site statistics
 - 4.16. Re-print load ticket data
 - 4.17. Interface with durable outdoor printer
 - 4.18. Preserve in its original state, then transmit daily transaction data
 - 4.19. Associate ticket/tower personnel credentials with each received load

5. Field Administrative Functions: The system must have the capability to perform administrative duties in the field. Requirements include the capability to edit user roles, verify vehicle audit information, display real-time collection volumes, and review ticket/tower personnel GPS audit logs. At a minimum, the system must provide the capability to:
 - 5.1. Change ticket/tower personnel identification badge roles and responsibilities
 - 5.2. Review media total CY counter value
 - 5.3. Audit vehicle certification data
 - 5.4. Validate/Invalidate smart cards
 - 5.5. Reinitiate security sequence for ticket/tower personnel or media
 - 5.6. In tabular format, display the results of ticket/tower GPS audit files by limiting access to the internet data or by the County secure server
6. Data Consolidation and Analysis/Reports Generation: Transactional data shall be summarized, validated, presented and audited to provide an overall status of mission performance. The system must facilitate billing, error reporting, performance tracking and graphical data preparation. At a minimum the Data Consolidation/Data Storage and Data Analysis/Reports tools must provide the capability to:
 - 6.1. Accept transactional data sets from multiple debris location systems
 - 6.2. Recognize multiple mission/applicant configurations
 - 6.3. Grant access to authorized authenticated users or processes
 - 6.4. Contain a master record of:
 - a) Roles and responsibilities
 - b) Ticket/tower personnel credentials and other data
 - c) Certification credentials and other data
 - d) Mission data
 - e) Applicant data
 - f) Geospatial data
 - Street centerlines
 - County outlines
 - Population and demographic
 - Elevation
 - Wetlands delineation
 - Historic and Environmentally Sensitive areas
 - Debris work zones
 - Parcel data
 - Land use
 - FEMA flood zones
 - 6.5. Graphically depict:
 - a) Load locations by contractor
 - b) Load locations by subcontractor
 - c) Load locations by driver
 - d) Load locations by ticket/tower personnel

- e) Load locations by date range
- f) Load locations by zone
 - Load locations by municipality
 - Load locations by applicant
 - Load locations by mission
 - Load locations by debris type
 - Load locations by disposal site
 - Load locations by Federal, state and private roads
 - Load locations by land use
 - Load locations by disposal site
- 6.6. Thematic mapping techniques to distinguish different data by color and/or symbol
- 6.7. Identify data attributes for a single point of data
- 6.8. Select one or many points of data
- 6.9. Calculate operational efficiency statistics such as:
 - a) Trip turnaround time
 - b) Trip distance to disposal site (straight line projection sorted by 0 -15 miles, 16 – 30 miles, 31 – 60 miles and greater than 61 miles)
 - c) Average container fill percentage
 - d) Average Tower Manager load call
 - e) Load call trend data e.g., by Tower Managers, Debris Management Contractor, Subcontractor, Driver, etc.
- 6.10. Dynamically configure user interface in response to point data selection to limit user authorities
- 6.11. Multiple data selections generate tabular data reports
- 6.12. Filter mechanisms to highlight geospatial data
- 6.13. Control data access using role based security
- 6.14. User interface and access to underlying system data must dynamically configured at run time through the presentation of appropriate user credentials
- 6.15. Manage data ownership
- 6.16. Provide access based on security role model
- 6.17. Identify and distribute “owned” transactional datasets to limit internet access to the website data to view only your data
- 6.18. Prevent distributed data from being reprocessed for billing purposes
- 6.19. Identify billing data sets based on parameters such as:
 - a) Time/Date
 - b) Removal Contractor/Subcontractor
 - c) Debris type
 - d) Debris disposal method (haul-in, reduction, open burn, incineration, haul-out, leave in place, etc.)
 - e) Haul distance
- 6.20. Route billing data sets via defined and customizable workflow rules
- 6.21. Approved billing data sets

- 6.22. Communicate general event status, e.g.:
 - a) Total CY hauled (by debris type)
 - b) Total CY by disposal site
 - c) Total CY by Removal Contractor/Subcontractor
 - d) Total CY by work zone/sector
 - e) Total CY by municipality
 - f) Total CY by Federal, State and private roads
 - g) Total CY by certified vehicle
 - h) Number of vehicles utilized
 - i) Number of ticket/tower personnel resources assigned
- 6.23. Manage user roles, responsibilities and passwords
- 6.24. Prevent modification to original data by unauthorized or unauthenticated users
- 6.25. Insert audit records into audit tables for all insertions, modifications, and deletions to original data
- 7. Field Architecture – The field-based system must be characterized by the following general statements of direction with respect to construction, operability, supportability and security. At a minimum, the system must:
 - 7.1. Require user authentication credentials
 - 7.2. Display current version at application start-up
 - 7.3. Synchronize with Greenwich Mean Time (GMT) for all date/time fields
 - 7.4. System must utilize location specific configuration data to initiate a warm start sequence for global positioning system
 - 7.5. System must remain in a ready state by default
 - 7.6. Acknowledge successful card write via display status message
 - 7.7. Create identification structures which utilize encryption technologies
 - 7.8. Employ anti-tamper and anti-tearing methods and technologies
 - 7.9. Where applicable, utilize 3 DES data encryption technologies to protect data
 - 7.10. Perform validation and checksum (a running production total of cubic yards or appropriate payment capacity) stored on each debris vehicle's removable media)
- 8. Back-office Architecture – At a minimum, the back-office applications must be characterized by the following general statements of direction with respect to construction, operability, supportability and security.
 - 8.1. Utilize relational database technology
 - 8.2. Employ geospatial analysis tools for data visualization
 - 8.3. Enable audit ability for:
 - a) Data insertion
 - b) Data modification
 - c) Data deletion
 - 8.4. Prevent field and row level data deletion
 - 8.5. All access to data must be controlled
 - 8.6. Store certification and other identification data using encrypted relational technology

- 8.7. Reside in a secure internet environment
 - 8.8. Preserve base transactional data in its original state prior to processing or consolidation with other data
9. Initial Startup Procedure For Debris Removal – Debris missions are critical to emergency response and the Monitoring Contractor should be adequately prepared to respond.

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EXHIBIT 1 **DAVIS-BACON WAGE RATE TABLE**

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General Decision Number: FL130208 01/04/2013 FL208

Superseded General Decision Number: FL20120208

State: Florida

Construction Type: Highway

County: Broward County in Florida.

HIGHWAY CONSTRUCTION PROJECTS

Modification Number	Publication Date
0	01/04/2013

ENGI0487-018 01/01/2010

	Rates	Fringes
OPERATOR: Crane		
Group 1 - All Tower Cranes		
Mobile, Rail, Climbers,		
Static-Mount; All Cranes		
with Boom Length 150 Feet		
& Over (With or without		
jib) Friction, Hydro,		
Electric or Otherwise;		
Cranes 150 Tons & Over ;		
Cranes with 3 Drums (When		
3rd drum is rigged for		
work); Gantry & Overhead		
Cranes; Hydro Cranes Over		
25 Tons but not more than		
50 Tons ; Hydro/Friction		
Cranes; All Type of		
Flying Cranes; Finish		
Grader; Concrete Pumping		
Machine with Boom		
Attachments.....	\$ 28.30	8.78
Group 2 - Cranes with Boom		
Length Less than 150 Feet		
(With or without jib);		
Hydro Cranes 25 Tons &		
Under, & Over 50 Tons.....	\$ 27.57	8.78
OPERATOR: Oiler.....	\$ 22.24	8.78

* IRON0272-006 10/01/2011		

	Rates	Fringes
IRONWORKER, STRUCTURAL.....	\$ 23.94	5.93

* SUFL2009-204 08/05/2009		

	Rates	Fringes
CARPENTER, Includes Form Work....	\$ 11.48	0.69
CEMENT MASON/CONCRETE FINISHER...	\$ 12.00	0.00
ELECTRICIAN.....	\$ 19.84	0.00
HIGHWAY/PARKING LOT STRIPING:		
Operator (Striping Machine).....	\$ 11.97	2.23
HIGHWAY/PARKING LOT STRIPING:		

<http://www.wdol.gov/wdol/scafiles/davisbacon/FL208.dvb?v=0>

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EXHIBIT 1 (Continued)

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Painter.....	\$ 14.38	1.73
IRONWORKER, REINFORCING.....	\$ 15.00	2.45
LABORER: Asphalt Raker.....	\$ 10.21	0.00
LABORER: Asphalt Shoveler.....	\$ 10.70	0.00
LABORER: Common or General.....	\$ 9.56	0.74
LABORER: Flagger.....	\$ 11.00	3.79
LABORER: Grade Checker.....	\$ 10.50	0.55
LABORER: Luteman.....	\$ 10.32	0.00
LABORER: Mason Tender - Cement/Concrete.....	\$ 12.00	1.80
LABORER: Pipelayer.....	\$ 13.76	1.97
LABORER: Landscape & Irrigation.....	\$ 9.98	0.00
LABORER: Power Tool Operator (Hand Held Drills/Saws, Jackhammer and Power Saws Only).....	\$ 11.27	2.33
OPERATOR: Asphalt Plant.....	\$ 12.20	0.00
OPERATOR: Asphalt Spreader.....	\$ 10.76	0.00
OPERATOR: Auger.....	\$ 19.40	0.44
OPERATOR: Backhoe Loader Combo.....	\$ 18.00	1.39
OPERATOR: Backhoe/Excavator.....	\$ 16.35	0.00
OPERATOR: Boom.....	\$ 16.61	0.00
OPERATOR: Bulldozer.....	\$ 18.47	0.00
OPERATOR: Distributor.....	\$ 12.33	0.00
OPERATOR: Drill.....	\$ 13.00	1.59
OPERATOR: Grader/Blade.....	\$ 16.11	1.65
OPERATOR: Loader.....	\$ 10.94	0.69
OPERATOR: Mechanic.....	\$ 16.20	3.25
OPERATOR: Milling Machine.....	\$ 11.50	1.68
OPERATOR: Oil Distributor.....	\$ 11.15	0.48
OPERATOR: Paver.....	\$ 11.89	2.28
OPERATOR: Piledriver.....	\$ 14.15	2.26
OPERATOR: Roller.....	\$ 9.50	0.00
OPERATOR: Scraper.....	\$ 12.31	1.83

EXHIBIT 1 (Continued)

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OPERATOR: Screed.....	\$ 11.49	1.64
OPERATOR: Tractor.....	\$ 13.00	1.00
OPERATOR: Trencher.....	\$ 12.05	0.40
PAINTER: Spray and Steel.....	\$ 16.62	0.00
TRAFFIC SIGNALIZATION:		
Traffic Signal Installation.....	\$ 14.00	0.65
TRUCK DRIVER, Includes 10 Yard Haul Away, A-Frame, Dump, Water Truck.....		
	\$ 12.50	0.00
TRUCK DRIVER: 4 Axle Truck.....	\$ 12.01	1.52
TRUCK DRIVER: Dump Truck.....	\$ 10.44	0.50
TRUCK DRIVER: Lowboy Truck.....	\$ 12.00	0.00
TRUCK DRIVER: Material Truck....	\$ 13.15	9.80
TRUCK DRIVER: Tractor Haul Truck.....	\$ 10.64	0.00
TRUCK DRIVER: Water Truck.....	\$ 10.50	0.00
TRUCK DRIVER: 3 Axle Truck.....	\$ 9.81	0.00
TRUCK DRIVER: Distributor, Dump, Lowboy and Tandem.....	\$ 13.22	2.01
TRUCK DRIVER.....	\$ 9.76	0.34

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

=====

Unlisted classifications needed for work not included within
the scope of the classifications listed may be added after
award only as provided in the labor standards contract clauses
(29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification
and wage rates that have been found to be prevailing for the
cited type(s) of construction in the area covered by the wage
determination. The classifications are listed in alphabetical
order of "identifiers" that indicate whether the particular
rate is union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with
characters other than "SU" denotes that the union
classification and rate have found to be prevailing for that
classification. Example: PLUM0198-005 07/01/2011. The first
four letters , PLUM, indicate the international union and the

<http://www.wdol.gov/wdol/scafiles/davisbacon/FL208.dvb?v=0>

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EXHIBIT 1 (Continued)

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four-digit number, 0198, that follows indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rates.

0000/9999: weighted union wage rates will be published annually each January.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union majority rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

EXHIBIT 1 (Continued)

Page 5 of 5

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====

END OF GENERAL DECISION

ATTACHMENT "E"**VENDORS LIST (NON-CERTIFIED SUBCONTRACTORS AND SUPPLIERS INFORMATION)****THIS FORM SHOULD BE SUBMITTED WITH THE BID BUT MUST BE COMPLETED AND SUBMITTED WITHIN FIVE BUSINESS DAYS OF COUNTY'S REQUEST**

Provide this information for any sub vendor(s) who will provide a service to the County for this solicitation. This includes major suppliers as well.

1. Firm's Name: Brown Thornton Pacenta & Company, P.A.

2. Firm's Address: 56 East Chase Street, Post Office Box 12484, Pensacola, Florida 32591

3. Firm's Telephone Number: (850) 434-3146 Firm Email Address: jpacenta@btcpas.com

4. Contact Name and Position: Jan Pacenta, Certified Public Accountant

5. Alternate Contact Name and Position: Michael Thornton, Certified Public Accountant

6. Alternate Contact Telephone Number: (850) 434-3146 Email Address: mthornton@btcpas.com

7. Bid/Proposal Number: M1110901B1 Contracted Amount: 15% of project labor revenue of specific Task Orders

8. Type of Work/Supplies Bid: Debris Monitoring Services Award Date: TBD

1. Firm's Name: _____

2. Firm's Address: _____

3. Firm's Telephone Number: _____ Firm Email Address: _____

4. Contact Name and Position: _____

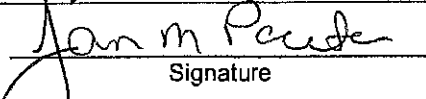
5. Alternate Contact Name and Position: _____

6. Alternate Contact Telephone Number: _____ Email Address: _____

7. Bid/Proposal Number: _____ Contracted Amount: _____

8. Type of Work/Supplies Bid: _____ Award Date: _____

I certify that the information submitted in this report is in fact true and correct to the best of my knowledge

 Signature	CPA / Brown Thornton Pacenta & Company, P.A. Title / Firm Name	August 5, 2013 Date
--	--	------------------------

Note: the information provided herein is subject to verification by the Purchasing Division. Use additional sheets for more subcontractors or suppliers as necessary.

ATTACHMENT "F"**OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT**
**LETTER OF INTENT BETWEEN BIDDER/OFFEROR
AND COUNTY BUSINESS ENTERPRISE (CBE) SUBCONTRACTOR/SUPPLIER**
(Form to be completed and signed for each CBE firm)

Solicitation Number: M1110901B1	Project Title: Disaster Debris Monitoring Services
---	--

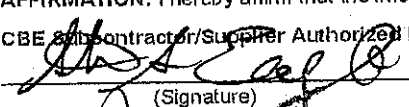
Bidder/Offeror Name: Science Applications International Corporation
Address: 2301 Lucien Way, Suite 120 **City:** Maitland **State:** FL **Zip:** 32751
Authorized Representative: Betty Kamara **Phone:** 321.441.8518

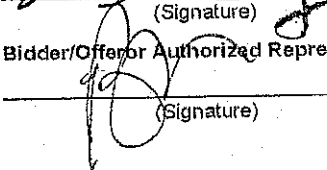
CBE Subcontractor/Supplier Name: Nova Consulting, Inc.
Address: 3323 West Commercial Blvd, Suite 250 **City:** Fort Lauderdale **State:** FL **Zip:** 33309
Authorized Representative: Juan C. Prieto **Phone:** 726.295.3575

- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform subcontracting work on this project.
- B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.
- C. By signing below, the above-named CBE is committing to perform the work described below.
- D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

Work to be performed by CBE Firm			
Description	NAICS*	CBE Contract Amount [†]	CBE Percentage of Total Project Value
Administrative Support/Consulting Services		TBD	10%

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Subcontractor/Supplier Authorized Representative
 **S. Eagle, P.E., Vice President** **8/5/2013**
 (Signature) (Title) (Date)

Bidder/Offeror Authorized Representative
 **Betty Kamara, Contracts Administrator** **8/5/2013**
 (Signature) (Title) (Date)

* Visit <http://www.census.gov/eos/www/naics/> to search. Match type of work with NAICS code as closely as possible.
[†] To be provided only when the solicitation requires that bidder/offer include a dollar amount in its bid-offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

CBE Letter of Intent July 2012



Office of Economic and
Small Business Development

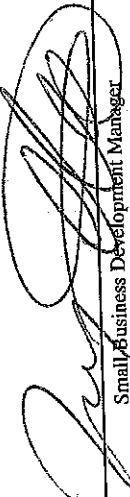
Governmental Center Annex
115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301 • FAX 954-357-6400 • TTY 954-357-5664

This Certificate is Awarded to:
NOVA CONSULTING, INC

As set forth in the Business Opportunity Act of 2004
- and/or the County Business Enterprise Act of 2009, the
certification requirements have been met for:

County Business Enterprise

BC - CBE - Certificate Expires: 1/7/2014


Small Business Development Manager

The Office of Economic and Small Business Development must be notified within 30 days of any material changes in the business which may affect ownership and control.
Failure to do so may result in the revocation of this certificate and/or imposition of other sanctions.

A service of the Broward County Board of County Commissioners
www.broward.org/smallbusiness



OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT

Governmental Center Annex
115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301
954-357-6400 • FAX 954-357-5674 • TTY 954-357-5664

RECEIVED
JAN 11 2011
Nova Consulting, Inc.

January 7, 2011

Ms. Maria J. Molina
NOVA CONSULTING, INC.
10486 NW 31ST Street
Miami, Florida 33172

Dear Ms. Molina:

The Broward County Office of Economic and Small Business Development is pleased to award your company certification as a **County Business Enterprise**. Your firm is now eligible to participate in the Office of Economic and Small Business Development programs.

Now that your firm is certified, learn the secrets of How to do Business with Broward County by attending our monthly workshop held every third Thursday of the month. For specific time and location, please visit our website at <http://www.broward.org/smallbusiness/welcome>.

In order to participate in Broward County projects, you must obtain a vendor registration number with the Broward County Purchasing Division. To obtain a vendor registration number go to, <http://www.broward.org/purchasing>. To review current Broward County Government bid opportunities visit: <http://www.broward.org/purchasing/currentsolicitations.htm>. Bid opportunities over \$30,000 will be advertised to vendors via e-mail. Please keep both the Purchasing Division and the Office of Economic and Small Business Development apprised of your current e-mail address.

You are certified to participate in the following category(s): **Architecture and Engineering**. This is also how your listing in our directory will read. You may access your firm's listing by visiting the Office of Economic and Small Business Development Directory, located on the internet at: <https://www.broward.org/small business>. Click on "Small Business Directory".

We look forward to working with you to achieve greater opportunities for your business through county procurement.

Sincerely,

Freddy Justino Castillo
Office of Economic and Small Business Development

Cert Agency: BC-CBE
CERTIFICATION EXPIRATION DATE: 1/7/2014

ATTACHMENT "G"

**APPLICATION FOR EVALUATION OF GOOD FAITH EFFORT
PURSUANT TO
BUSINESS OPPORTUNITY ACT OF 2012, Sec. 1-81.5(e)**

RLI / BID NO.: _____ PROJECT NAME: _____

PRIME CONTRACTOR_____
ADDRESS_____
TELEPHONE

The undersigned representative of the prime contractor represents that his/her firm has contacted County Business Enterprise (CBE) certified firms in a good faith effort to meet the CBE goal for this solicitation but has not been able to meet the goal. Consistent with the requirements of the Business Opportunity Act of 2012 (the Act), the prime contractor hereby submits documentation (attached to this form) of good faith efforts made and requests to be evaluated under Section 1-81.5(e) of the Act.

The prime contractor understands that a determination of good faith effort to meet the CBE contract participation goal is contingent on both the information provided by the prime contractor as an attachment to this application and the other factors listed in Section 1-81.5(e) of the CBE Act, as those factors are applicable with respect to this solicitation. The prime contractor acknowledges that the determination of good faith effort is made by the Director of the Office of Economic and Small Business Development, and is not subject to appeal.

SIGNATURE: _____

PRINT NAME / TITLE: _____

DATE: _____

ATTACHMENT "H"**LOCAL BUSINESS OR LOCALLY-HEADQUARTERED BUSINESS CERTIFICATION**

This form is used to determine applicability of Local Preference, in accordance with Section 1-74, et. seq., Code of Ordinances. A local business or locally-headquartered business in Broward County or Miami-Dade County, meeting the below requirements is eligible for Local Preference, in accordance with the Broward County Local Preference Ordinance and Broward County's Interlocal Reciprocity Agreement with Miami-Dade County.

This form and a copy of the business's local business tax receipt (or if exempt, documentation establishing physical presence at location for one year prior to bid or proposal submission) should be submitted with bid in order to be considered for the Local Preference. If not submitted with the bid, it must be submitted within three business days of notification from the County. Failure to timely submit may render the business ineligible for application of the Local Preference. The County may request verification of any information required to confirm certification.

A Local Business is a business which:

- A. possesses a valid local business tax receipt (or if exempt documentation establishing physical presence at location) issued at least one year prior to bid or proposal submission;
- B. has a physical business address located within the limits of the County from which the business operates or performs business;
- C. is in an area zoned for the conduct of the business; and
- D. provides a substantial component of goods and/or services being offered from that location.

A Locally-Headquartered Business is a business which has its principal place of business within the County. A principle place of business is defined as the nerve center of overall direction, control, and coordination of activities of the business. If a business only has one location, the location shall be considered the principle place of business.

Vendor shall check all that apply. Vendor hereby certifies it is a:

☒ Local Business ☐ Locally-Headquartered Business

Local or Locally-Headquartered Business Address: 9600 NW 25th Street

Miami, FL 33172

☐ Vendor is not a Local Business or Locally-Headquartered Business in Broward County or Miami Dade County.

STATE OF Florida

COUNTY OF Orange

(Vendor Signature)

Betty Kamara, Contracts Administrator

(Print Vendor Name/Title)

The foregoing instrument was acknowledged before me this 5th day of August, 2013, by

Betty Kamara

as Contracts Administrator of

(Name of person who's signature is being notarized)

(Title)

Science Applications International Corporation

known to me to be the person described herein, or who produced

(Name of Corporation/Company)

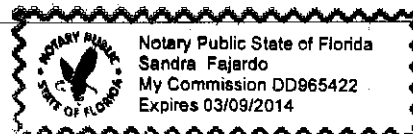
as identification, and who did/did not take an oath.

(Type of Identification)

NOTARY PUBLIC: Sandra Fajardo

(Signature)

My commission expires: 3/9/14



ATTACHMENT "I"
DRUG FREE WORKPLACE CERTIFICATION

The undersigned vendor hereby certifies that it will provide a drug-free workplace program by:

- (1) Publishing a statement notifying its employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the offeror's workplace, and specifying the actions that will be taken against employees for violations of such prohibition;
- (2) Establishing a continuing drug-free awareness program to inform its employees about:
 - (i) The dangers of drug abuse in the workplace;
 - (ii) The offeror's policy of maintaining a drug-free workplace;
 - (iii) Any available drug counseling, rehabilitation, and employee assistance programs; and
 - (iv) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
- (3) Giving all employees engaged in performance of the contract a copy of the statement required by subparagraph (1);
- (4) Notifying all employees, in writing, of the statement required by subparagraph (1), that as a condition of employment on a covered contract, the employee shall:
 - (i) Abide by the terms of the statement; and
 - (ii) Notify the employer in writing of the employee's conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or of any state, for a violation occurring in the workplace NO later than five days after such conviction.
- (5) Notifying Broward County government in writing within 10 calendar days after receiving notice under subdivision (4) (ii) above, from an employee or otherwise receiving actual notice of such conviction. The notice shall include the position title of the employee;
- (6) Within 30 calendar days after receiving notice under subparagraph (4) of a conviction, taking one of the following actions with respect to an employee who is convicted of a drug abuse violation occurring in the workplace:
 - (i) Taking appropriate personnel action against such employee, up to and including termination; or
 - (ii) Requiring such 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; and
- (7) Making a good faith effort to maintain a drug-free workplace program through implementation of subparagraphs (1) through (6).

(Vendor Signature)

Betty Kamara

(Print Vendor Name)

STATE OF Florida

COUNTY OF Orange

The foregoing instrument was acknowledged before me this 5th day of August, 2013,

by Betty Kamara

(Name of person who's signature is being notarized)

as Contracts Administrator of Science Applications International Corporation
(Title) (Name of Corporation/Company)

known to me to be the person described herein, or who produced _____

(Type of Identification)

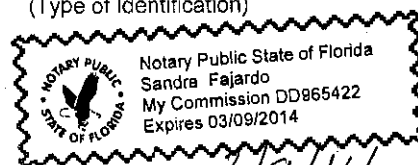
as identification, and who did/did not take an oath.

NOTARY PUBLIC:

(Signature)

Sandra Fajardo-Cortes

(Print Name)



My commission expires: 5/9/14

ATTACHMENT "J"
LITIGATION HISTORY FORM

Party	Vendor is Plaintiff <input type="checkbox"/> Vendor is Defendant <input type="checkbox"/>
Case Name	None
Case Number	
Date Filed	
Name of Court or other tribunal	
Type of Case	Civil <input type="checkbox"/> Administrative/Regulatory <input type="checkbox"/> Criminal <input type="checkbox"/> Bankruptcy <input type="checkbox"/>
Claim or Cause of Action and Brief description of each Count	
Brief description of the Subject Matter and Project Involved	
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending <input type="checkbox"/> Settled <input type="checkbox"/> Dismissed <input type="checkbox"/> Judgment Vendor's Favor <input type="checkbox"/> Judgment Against Vendor <input type="checkbox"/> If Judgment Against, is Judgment Satisfied? Yes <input type="checkbox"/> No <input type="checkbox"/>
Opposing Counsel	Name: Email: Phone number:

NAME OF COMPANY: Science Applications International Corporation

ATTACHMENT "K"SCRUTINIZED COMPANIES CERTIFICATION

THIS FORM MUST BE COMPLETED AND SUBMITTED PRIOR TO AWARD. THIS CERTIFICATION MUST BE SUBMITTED AT THE TIME OF BID SUBMITTAL. FAILURE TO SUBMIT THIS FORM AS INSTRUCTED, SHALL DEEM YOUR SUBMITTAL NON-RESPONSIVE.

The Vendor, by virtue of the signature below, certifies that:

- The Vendor, owners, or principals are aware of the requirements of Section 287.135, Florida Statutes, regarding Companies on the Scrutinized Companies with Activities in Sudan List or on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; and
- The Vendor, owners, or principals, are eligible to participate in this solicitation and not listed on either the Scrutinized Companies with Activities in Sudan List or on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; and
- If awarded the Contract, the Vendor, owners, or principals will immediately notify the COUNTY in writing if any of its principals are placed on the Scrutinized Companies with Activities in Sudan List or on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List.

(Authorized Signature)

Betty Kamara, Contracts Administrator

(Print Name and Title)

Science Applications International Corporation

(Name of Vendor)

STATE OF Florida

COUNTY OF Orange

The foregoing instrument was acknowledged before me this 5th day of August, 2013, by

Betty Kamara

(name of person whose signature is being notarized) as

Contracts Administrator

(title) of Science Applications International Corporation

(Name of Vendor), known to me to

be the person described herein, or who produced _____ (type of identification)

as identification, and who did/did not take an oath.

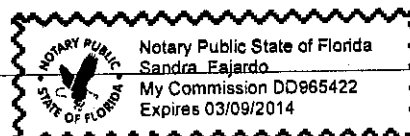
NOTARY PUBLIC:

Sandra Fajardo-Cortes
(Signature)

State of Florida at Large (SEAL)

Sandra Fajardo-Cortes

My commission expires: 8/9/14



ATTACHMENT "N"**Insurance Requirement**

The following coverage is deemed the minimum insurance required for this project. The selected firm must be prepared to provide proof of insurance commensurate with or in excess of this requirement. Any deviation is subject to the approval of Risk Management.

TYPE OF INSURANCE	Limits on Liability		
		Each Occurrence	Aggregate
GENERAL LIABILITY - Broad form <input checked="" type="checkbox"/> Commercial General Liability <input checked="" type="checkbox"/> Premises-Operations <input type="checkbox"/> XCU Explosion/Collapse/Underground <input checked="" type="checkbox"/> Products/Completed Operations Hazard <input checked="" type="checkbox"/> Contractual Insurance <input checked="" type="checkbox"/> Broad Form Property Damage <input checked="" type="checkbox"/> Independent Contractors <input checked="" type="checkbox"/> Personal Injury	Bodily Injury		
	Property Damage		
	Bodily Injury and Property Damage Combined	\$ 1 mil	\$ 2 mil
	Personal Injury		
AUTO LIABILITY <input checked="" type="checkbox"/> Comprehensive Form <input checked="" type="checkbox"/> Owned <input checked="" type="checkbox"/> Hired <input checked="" type="checkbox"/> Non-owned <input checked="" type="checkbox"/> Any Auto If applicable	Bodily Injury (each person)		
	Bodily Injury (each accident)		
	Property Damage		
	Bodily Injury and Property Damage Combined	\$ 1 mil	
EXCESS LIABILITY <input type="checkbox"/> Umbrella Form <input type="checkbox"/> Other than Umbrella Form	Bodily Injury and Property Damage Combined		
<input checked="" type="checkbox"/> WORKER'S COMPENSATION If exempt: Provide State Exemption Certificate, or letter on company letterhead stating the reason for exemption.	(each accident)	STATUTORY	
<input checked="" type="checkbox"/> EMPLOYER'S LIABILITY		\$ 1 mil / accident	
<input checked="" type="checkbox"/> PROFESSIONAL LIABILITY (E & O)	Claims-made form w/ Extended Reporting Period of Deductible not to exceed:	\$ 1 mil 1 yr \$ 100 k	
<input type="checkbox"/> PROPERTY COVERAGE /BUILDER'S RISK "ALL RISK" WITH WIND AND FLOOD Coverage must remain in force until written final acceptance by County.	Maximum Deductible: \$10 k DED for WIND or WIND & FLOOD not to exceed 5% of completed value CONTRACTOR IS RESPONSIBLE FOR DEDUCTIBLE		Completed Value
<input type="checkbox"/> Installation floater is required if Builder's Risk or Property are not carried. Coverage must be "All Risk", completed value. Coverage must remain in force until written final acceptance by County.	Maximum Deductible: \$10 k CONTRACTOR IS RESPONSIBLE FOR DEDUCTIBLE		Completed Value
Description of Operations/Activities/Vehicles: "Broward County" must be certificate holder and endorsed as an additional insured for general liability, excess liability. REFERENCE: Disaster Debris Monitoring			

NOTE: Workers' Compensation: U.S. Longshoremen & Harbor Workers' Act & Jones Act is required for any activities on or about navigable water

CANCELLATION: Notice of cancellation is required to the Certificate Holder:

Certificate Holder:

Broward County
 115 South Andrews Avenue
 Fort Lauderdale, FL 33301
 Attn: Robert Rosenstein, SWRS

Jacqueline Binns

2013.04.11

11:29:07 -04'00'

Risk Management Division

InsuranceRequirementForm 00703 Revised 2012

VALID FOR ONE YEAR FROM THE DATE OF SIGNATURE

MEMORANDUM OF INSURANCE

This Memorandum is issued as a matter of information only to authorized viewers for their internal use only and confers no rights upon any viewer of this Memorandum. This Memorandum does not amend, extend or alter the coverage described below. This Memorandum may only be copied, printed and distributed within an authorized viewer and may only be used and viewed by an authorized viewer for its internal use. Any other use, duplication or distribution of this Memorandum without the consent of Science Applications International Corp. (SAIC) is prohibited. "Authorized viewer" shall mean an entity or person which is authorized by the insured named herein to access this Memorandum via <http://www.saic.com/customer/moi/>. The information contained herein is valid as of today's date, and shall be updated upon any material policy changes and upon each policy's renewal.

BROKER

Marsh Risk & Insurance Services ("Marsh")

COMPANIES AFFORDING COVERAGE

Co. A National Union Fire Insurance Company of Pittsburgh, PA

INSURED

Science Applications International Corporation
1710 SAIC Drive
McLean, VA 22102

Co. B New Hampshire Insurance Company

Co. C The Insurance Company of the State of Pennsylvania

Co. D Underwriters at Lloyd's, London (A F Beazley #623 & #2623)

Co. E Factory Mutual Insurance Company

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS MEMORANDUM MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	EFFECTIVE DATE	EXPIRATION DATE	LIMITS	
A	GENERAL LIABILITY Commercial General Liability including Contractual Liability (per ISO Form CG0001 12/07) Occurrence Form	GL 5094639	04/01/13	04/01/14	GEN AGGREGATE	\$ 10,000,000
					PRODUCTS - COMP/OP AGG	\$ 2,000,000
					PERSONAL & ADV INJURY	\$ 1,000,000
					EACH OCCURRENCE	\$ 1,000,000
					FIRE DAMAGE (ANY ONE FIRE)	\$ 1,000,000
					MED EXP (ANY ONE PERSON)	\$ 10,000
A	AUTOMOBILE LIABILITY Covering Any Owned Autos, Hired Autos & Non-Owned Autos	CA 5196396 (All Other States)	04/01/13	04/01/14	COMBINED SINGLE LIMIT	\$ 2,000,000
A		CA 5196397 (VA)	04/01/13	04/01/14		
A		CA 5196398 (MA)	04/01/13	04/01/14		
A	UMBRELLA LIABILITY	011502207	04/01/13	04/01/14	EACH OCCURRENCE	\$ 10,000,000
					AGGREGATE	\$ 10,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Includes USL&H The Proprietor / Partners / Executive Officers are Included	WC 033575549 (All Other States)	04/01/13	04/01/14	WORKERS COMP LIMITS	STATUTORY
		WC 033575550 (IL,KY,NC,NH,UT, VT)	04/01/13	04/01/14	EL - EACH ACCIDENT	\$ 3,000,000
					EL DISEASE - POLICY LIMIT	\$ 3,000,000
		WC 033575551 (NJ,PA)	04/01/13	04/01/14	EL DISEASE -EACH EMPLOYEE	\$ 3,000,000
		WC 033575552 (AK,AZ,GA)	04/01/13	04/01/14		
		WC 033575553(CA)	04/01/13	04/01/14		
		WC 033575554 (FL)	04/01/13	04/01/14		
D	PROFESSIONAL LIABILITY Including: Contractor's Pollution Legal Liability and Information Security & Privacy Liability Claims Made Basis	QF 035912	06/30/12	06/30/13	EACH CLAIM	\$ 10,000,000
					AGGREGATE	\$ 10,000,000
E	ALL RISK PROPERTY Including all Real & Personal Property of Insured, and Property of Others Where Required	UC187 Includes Business Interruption Coverage	10/01/12	10/01/13	AGGREGATE	\$ 10,000,000

The Memorandum of Insurance serves solely to list insurance policies, limits and dates of coverage. Any modifications hereto are not authorized.

MEMORANDUM OF INSURANCE

This Memorandum is issued as a matter of information only to authorized viewers for their internal use only and confers no rights upon any viewer of this Memorandum. This Memorandum does not amend, extend or alter the coverage described below. This Memorandum may only be copied, printed and distributed within an authorized viewer and may only be used and viewed by an authorized viewer for its internal use. Any other use, duplication or distribution of this Memorandum without the consent of Science Applications International Corp. (SAIC) is prohibited. "Authorized viewer" shall mean an entity or person which is authorized by the insured named herein to access this Memorandum via <http://www.saic.com/customer/moi/>. The information contained herein is valid as of today's date, and shall be updated upon any material policy changes and upon each policy's renewal.

BROKER

Marsh Risk & Insurance Services ("Marsh")
777 South Figueroa Street
Los Angeles, CA 90017

INSURED

Science Applications International Corporation
1710 SAIC Drive
McLean, VA 22101

ADDITIONAL INFORMATION

The above Liability policies are endorsed to provide that our customers and any other organizations or persons where required by contract or agreement we enter into are named as Additional Insureds under these policies. Additionally, coverage applies on a primary basis where required by contract, and, a waiver of subrogation is provided in favor of any person or organization required pursuant to the terms of any contract or agreement we enter into.

The above Professional Liability policy limits are inclusive of an aggregate sublimit of \$3,000,000 for Privacy Notification Costs. In addition, excess aggregate sublimits of \$7,000,000 for Privacy Notification Costs are included within the limits of several of our excess professional liability policies.

The above Property policy is endorsed to provide that our customers and any other organizations or persons where required by contract or agreement we enter into are named as Loss Payees As Their Interest May Appear under this policy.

Should you wish to view these endorsements, or print a copy for your files, please click on the below links.

GENERAL LIABILITY ENDORSEMENTS:

Additional Insured – Where Required Under Contract Or Agreement (AIG Form 61712 (9/01))
http://www.saic.com/customer/moi/download/GL_Where_Required_by_Contract.pdf

Additional Insured – Managers or Lessors of Premises (Form CG 20 11 01 96)
http://www.saic.com/customer/moi/download/GL_Mgr_or_Lessors_of_Premises.pdf

Additional Insured – Lessor of Leased Equipment (CG 20 28 07 04)
http://www.saic.com/customer/moi/download/GL_Lessor_of_LeasedEquip.pdf

Additional Insured – Vendors (Form CG 20 15 07 04)
http://www.saic.com/customer/moi/download/GL_Vendors.pdf

Additional Insured – Primary Insurance (AIG Form 74434 (10/99))
http://www.saic.com/customer/moi/download/GL_Primary_Insurance.pdf

Waiver Of Transfer Of Rights Of Recovery Against Others To Us (CG 24 04 10 93)
http://www.saic.com/customer/moi/download/GL_Waiver_of_Subrogation.pdf

AUTOMOBILE LIABILITY ENDORSEMENTS:

Additional Insured – Where Required Under Contract Or Agreement (AIG Form 87950 (10/05))
http://www.saic.com/customer/moi/download/AL_Where_Req'd_by_Contract.pdf

Lessor – Additional Insured and Loss Payee (CA 20 01 10 01)
http://www.saic.com/customer/moi/download/AL_Lessor_Loss_Payee.pdf

Insurance Primary As To Certain Additional Insureds (AIG Form 74445 (10/99))
http://www.saic.com/customer/moi/download/AL_Primary_Insured.pdf

Waiver of Transfer of Rights Of Recovery Against Others To Us (AIG Form 62897 (06/95))
http://www.saic.com/customer/moi/download/AL_Waiver_of_Subrogation.pdf

WORKERS' COMPENSATION & EMPLOYERS LIABILITY ENDORSEMENTS:

Waiver of Our Right To Recover From Others
http://www.saic.com/customer/moi/download/WC_Waiver_of_Subrogation.pdf

Alternate Employer Endorsement
http://www.saic.com/customer/moi/download/WC_AE_Endorsements.pdf

UMBRELLA LIABILITY ENDORSEMENTS:

Additional Insured – please note that because the AIG Umbrella Prime form #80517 05/06 policy definition of an Insured includes: "Any person or organization, other than the Named Insured, included as an additional insured under the Schedule of Underlying Insurance, but not for broader coverage than would be afforded by such Schedule of Underlying Insurance" that there is no separate Additional Insured endorsement applicable to this policy. Therefore, if you are an Additional Insured on the General Liability or Automobile Liability policies above, that status extends to the Umbrella Liability policy as well.

Transfer of Rights of Recovery (Waiver of Subrogation) – please note that because the AIG Umbrella Prime form #80517 05/06 policy states that "If, prior to the time of an Occurrence, you and the insurer of Scheduled Underlying Insurance waive any right of recovery against a specific person or organization for injury or damage as required under an Insured Contract, we will also waive any rights we may have against such person or organization." that there is no separate Waiver of Subrogation endorsement applicable to these policy. Therefore, if you are granted a Waiver of Subrogation on the General Liability, Automobile Liability or Employers Liability policies above, that status extends to the Umbrella Liability policy as well.

PROFESSIONAL LIABILITY ENDORSEMENTS:

Additional Insured – Where Required by Contract or Agreement
<http://www.saic.com/customer/moi/download/E&O.pdf>

Waiver of Subrogation – please note that the policy wording states that "However, it is agreed that the Underwriters waives its rights of subrogation under this policy against any person or organization as respects Claims arising from Professional Services or Contracting Services provided under a contract to perform such Professional Services or Contracting Services which requires a waiver of subrogation, but only to the extent required by written contract. Therefore, if our contract requires we waive our rights of subrogation in your favor, the waiver extends to this policy.

NOTICE OF CANCELLATION:

Due to the very large number of contracts that SAIC and its subsidiaries enter into each year, the above policies do not contain an endorsement obligating the insurer to provide any advance written notice directly to anyone but SAIC. However, insurers have endorsed their policy to provide SAIC with 90 days advance written notice of any cancellation (except 10 days for non-payment of premium) so as to enable SAIC to provide any required Notices to its customers in accordance with agreed to contract terms and conditions.

The Memorandum of Insurance serves solely to list insurance policies, limits and dates of coverage. Any modifications hereto are not authorized.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ENDORSEMENT

This endorsement, effective 12:01 A.M. 04/01/2012 forms a part of
Policy No. GL 440-63-64 issued to SAIC, INC.
by NATIONAL UNION FIRE INSURANCE COMPANY OF PITTSBURG, PA

ADDITIONAL INSURED - WHERE REQUIRED UNDER CONTRACT OR AGREEMENT

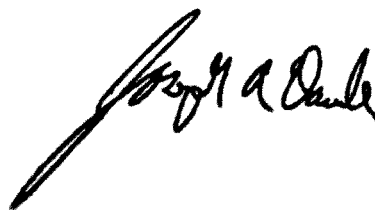
This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE FORM

SECTION II - WHO IS AN INSURED, is amended to include as an additional insured:

Any person or organization to whom you become obligated to include as an additional insured under this policy, as a result of any contract or agreement you enter into which requires you to furnish insurance to that person or organization of the type provided by this policy, but only with respect to liability arising out of your operations or premises owned by or rented to you. However, the insurance provided will not exceed the lesser of:

- The coverage and/or limits of this policy, or
- The coverage and/or limits required by said contract or agreement.



AUTHORIZED REPRESENTATIVE

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – MANAGERS OR LESSORS OF PREMISES

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

1. Designation of Premises (Part Leased to You): **ANY PREMISES OR PART THEREOF LEASED TO YOU.**
2. Name of Person or Organization (Additional Insured): **ANY AND ALL PERSONS OR ORGANIZATIONS CONTRACTUALLY REQUIRING ADDITIONAL INSURED STATUS AS THE MANAGER OR LESSOR OF PREMISES TO YOU.**
3. Additional Premium: **INCLUDED**

(If no entry appears above, the information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

WHO IS AN INSURED (Section II) is amended to include as an insured the person or organization shown in the Schedule but only with respect to liability arising out of the ownership, maintenance or use of that part of the premises leased to you and shown in the Schedule and subject to the following additional exclusions:

This insurance does not apply to:

1. Any "occurrence" which takes place after you cease to be a tenant in that premises.
2. Structural alterations, new construction or demolition operations performed by or on behalf of the person or organization shown in the Schedule.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – LESSOR OF LEASED EQUIPMENT

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)
<i>ANY AND ALL PERSONS OR ORGANIZATIONS CONTRACTUALLY REQUIRING ADDITIONAL INSURED STATUS AS A LESSOR UNDER TERMS OF AN EQUIPMENT LEASING CONTRACT YOU ENTER INTO WITH SUCH PERSONS OR ORGANIZATIONS.</i>
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your maintenance, operation or use of equipment leased to you by such person(s) or organization(s).

B. With respect to the insurance afforded to these additional insureds, this insurance does not apply to any "occurrence" which takes place after the equipment lease expires.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – VENDORS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s) (Vendor)	Your Products
ALL VENDORS	ALL PRODUCTS
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II – Who Is An Insured is amended to include as an additional insured any person(s) or organization(s) (referred to below as vendor) shown in the Schedule, but only with respect to "bodily injury" or "property damage" arising out of "your products" shown in the Schedule which are distributed or sold in the regular course of the vendor's business, subject to the following additional exclusions:

1. The insurance afforded the vendor does not apply to:
 - a. "Bodily injury" or "property damage" for which the vendor is obligated to pay damages by reason of the assumption of liability in a contract or agreement. This exclusion does not apply to liability for damages that the vendor would have in the absence of the contract or agreement;
 - b. Any express warranty unauthorized by you;

- c. Any physical or chemical change in the product made intentionally by the vendor;
- d. Repackaging, except when unpacked solely for the purpose of inspection, demonstration, testing, or the substitution of parts under instructions from the manufacturer, and then repackaged in the original container;
- e. Any failure to make such inspections, adjustments, tests or servicing as the vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products;
- f. Demonstration, installation, servicing or repair operations, except such operations performed at the vendor's premises in connection with the sale of the product;

- g. Products which, after distribution or sale by you, have been labeled or relabeled or used as a container, part or ingredient of any other thing or substance by or for the vendor; or
 - h. "Bodily injury" or "property damage" arising out of the sole negligence of the vendor for its own acts or omissions or those of its employees or anyone else acting on its behalf. However, this exclusion does not apply to:
 - (1) The exceptions contained in Sub-paragraphs d. or f.; or
 - (2) Such inspections, adjustments, tests or servicing as the vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products.
- 2. This insurance does not apply to any insured person or organization, from whom you have acquired such products, or any ingredient, part or container, entering into, accompanying or containing such products.

ENDORSEMENT

This endorsement, effective **12:01 A.M. 04/01/2012** forms a part of
Policy No. **GL 440-63-64** issued to **SAIC, INC.**
by **NATIONAL UNION FIRE INSURANCE COMPANY OF PITTSBURGH, PA**

ADDITIONAL INSURED - PRIMARY INSURANCE

This endorsement modifies insurance provided under the following:

COMMERCIAL LIABILITY COVERAGE FORM

Section IV, Commercial General Liability Conditions, paragraph 4., Other Insurance, subparagraph a. Primary Insurance, is amended by the addition of the following:

However, coverage under this policy afforded to an additional insured will apply as primary insurance where required by contract, and any other insurance issued to such additional insured shall apply as excess and noncontributory insurance.



Authorized Representative

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

SCHEDULE

Name Of Person Or Organization:

"PURSUANT TO APPLICABLE WRITTEN CONTRACT OR AGREEMENT YOU ENTER INTO."

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The following is added to Paragraph 8. **Transfer Of Rights Of Recovery Against Others To Us** of Section IV – Conditions:

We waive any right of recovery we may have against the person or organization shown in the Schedule above because of payments we make for injury or damage arising out of your ongoing operations or "your work" done under a contract with that person or organization and included in the "products-completed operations hazard". This waiver applies only to the person or organization shown in the Schedule above.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ENDORSEMENT

This endorsement, effective 12:01 A.M. 04/01/2012 forms a part of
Policy No. CA 498-27-17 issued to SAIC, INC.
by NATIONAL UNION FIRE INSURANCE COMPANY OF PITTSBURGH, PA

ADDITIONAL INSURED - WHERE REQUIRED UNDER CONTRACT OR AGREEMENT

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

SCHEDULE

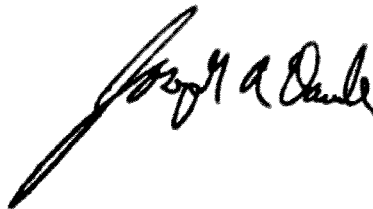
ADDITIONAL INSURED:

"Any person or organization for whom you are contractually bound to provide Additional Insured status but only to the extent of such person or organizations liability arising out of the use of a covered "auto".

I. SECTION II - LIABILITY COVERAGE, A. Coverage, 1. – Who Is Insured, is amended to add:

- d. Any person or organization, shown in the schedule above, to whom you become obligated to include as an additional insured under this policy, as a result of any contract or agreement you enter into which requires you to furnish insurance to that person or organization of the type provided by this policy, but only with respect to liability arising out of use of a covered "auto". However, the insurance provided will not exceed the lesser of:

- (1) The coverage and/or limits of this policy, or
- (2) The coverage and/or limits required by said contract or agreement.



AUTHORIZED REPRESENTATIVE

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ENDORSEMENT

This endorsement, effective 12:01 A.M. 04/01/2012 forms a part of
Policy No. CA 498-27-19 issued to SAIC, INC.
by NATIONAL UNION FIRE INSURANCE COMPANY OF PITTSBURGH, PA

ADDITIONAL INSURED - WHERE REQUIRED UNDER CONTRACT OR AGREEMENT

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

SCHEDULE

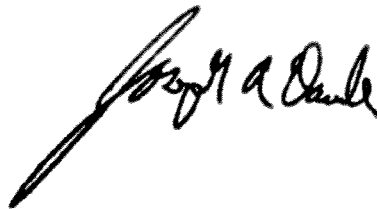
ADDITIONAL INSURED:

"Any person or organization for whom you are contractually bound to provide Additional Insured status but only to the extent of such person or organizations liability arising out of the use of a covered "auto".

I. SECTION II - LIABILITY COVERAGE, A. Coverage, 1. – Who Is Insured, is amended to add:

- d. Any person or organization, shown in the schedule above, to whom you become obligated to include as an additional insured under this policy, as a result of any contract or agreement you enter into which requires you to furnish insurance to that person or organization of the type provided by this policy, but only with respect to liability arising out of use of a covered "auto". However, the insurance provided will not exceed the lesser of:

- (1) The coverage and/or limits of this policy, or
- (2) The coverage and/or limits required by said contract or agreement.



AUTHORIZED REPRESENTATIVE

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

LESSOR – ADDITIONAL INSURED AND LOSS PAYEE

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM
BUSINESS AUTO PHYSICAL DAMAGE COVERAGE FORM
GARAGE COVERAGE FORM
MOTOR CARRIER COVERAGE FORM
TRUCKERS COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

Named Insured: SAIC, INC. SCIENCE APPLICATIONS INTERNATIONAL CORPORATION Endorsement Effective Date: 04/01/2012
Countersignature Of Authorized Representative
Name: Title: Signature: Date:

SCHEDULE

Insurance Company: NATIONAL UNION FIRE INSURANCE COMPANY OF PITTSBURGH, PA	
Policy Number: CA 498-27-17	Effective Date: 04/01/2012
Expiration Date: 04/01/2013	
Named Insured: SAIC, INC. SCIENCE APPLICATIONS INTERNATIONAL CORPORATION	
Address: 10260 CAMPUS POINT DR M/S A3-G SAN DIEGO, CA 92121-1578	
Additional Insured (Lessor): SEE ENDORSEMENT #004	
Address:	
Designation Or Description Of "Leased Autos": ANY AUTO LEASED UNDER CONTRACT OR AGREEMENT THAT REQUIRES YOU TO PROVIDE DIRECT PRIMARY INSURANCE FOR THE LESSOR.	

Coverages	Limit Of Insurance
Liability	\$ Each "Accident"
Comprehensive	Actual Cash Value Or Cost Of Repair Whichever Is Less, Minus \$ Deductible For Each Covered "Leased Auto"
Collision	Actual Cash Value Or Cost Of Repair Whichever Is Less, Minus \$ Deductible For Each Covered "Leased Auto"
Specified Causes Of Loss	Actual Cash Value Or Cost Of Repair Whichever Is Less, Minus \$ Deductible For Each Covered "Leased Auto"
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Coverage

1. Any "leased auto" designated or described in the Schedule will be considered a covered "auto" you own and not a covered "auto" you hire or borrow.

2. For a "leased auto" designated or described in the Schedule, **Who Is An Insured** is changed to include as an "insured" the lessor named in the Schedule. However, the lessor is an "insured" only for "bodily injury" or "property damage" resulting from the acts or omissions by:
 - a. You;
 - b. Any of your "employees" or agents; or
 - c. Any person, except the lessor or any "employee" or agent of the lessor, operating a "leased auto" with the permission of any of the above.

3. The coverages provided under this endorsement apply to any "leased auto" described in the Schedule until the expiration date shown in the Schedule, or when the lessor or his or her agent takes possession of the "leased auto", whichever occurs first.

B. Loss Payable Clause

1. We will pay, as interest may appear, you and the lessor named in this endorsement for "loss" to a "leased auto".
2. The insurance covers the interest of the lessor unless the "loss" results from fraudulent acts or omissions on your part.
3. If we make any payment to the lessor, we will obtain his or her rights against any other party.

C. Cancellation

1. If we cancel the policy, we will mail notice to the lessor in accordance with the Cancellation Common Policy Condition.
2. If you cancel the policy, we will mail notice to the lessor.
3. Cancellation ends this agreement.

- D. The lessor is not liable for payment of your premiums.

E. Additional Definition

As used in this endorsement:

"Leased auto" means an "auto" leased or rented to you, including any substitute, replacement or extra "auto" needed to meet seasonal or other needs, under a leasing or rental agreement that requires you to provide direct primary insurance for the lessor.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**VIRGINIA LESSOR – ADDITIONAL INSURED AND
LOSS PAYEE**

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM
 BUSINESS AUTO PHYSICAL DAMAGE COVERAGE FORM
 GARAGE COVERAGE FORM
 MOTOR CARRIER COVERAGE FORM
 TRUCKERS COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

Endorsement Effective: 04/01/2012	Countersigned By: (Authorized Representative)
Named Insured: SAIC, INC.	

SCHEDULE

Insurance Company NATIONAL UNION FIRE INS CO OF PITTSBURGH, PA Policy Number CA 498-27-18 Effective Date 04/01/2012	Expiration Date 04/01/2013
Named Insured SAIC, INC. Address 10260 CAMPUS POINT DR., M/S A3-G SAN DIEGO, CA 92121	
Additional Insured (Lessor) ANY LESSOR UNDER CONTRACT OR AGREEMENT THAT REQUIRES YOU TO PROVIDE DIRECT PRIMARY INSURANCE FOR THAT LESSOR Address	
Designation or Description of Leased "Autos" ANY AUTO LEASED UNDER CONTRACT OR AGREEMENT THAT REQUIRES YOU TO PROVIDE DIRECT PRIMARY INSURANCE FOR THE LESSOR	

Coverages	Limit Of Insurance
Liability	\$ Each "Accident"
Medical Expense Benefits	\$ Each Person
Income Loss Benefits	\$ Each Person
Comprehensive	ACTUAL CASH VALUE OR COST OF REPAIR WHICHEVER IS LESS; MINUS: \$ For Each Covered "Auto"
Collision	ACTUAL CASH VALUE OR COST OF REPAIR WHICHEVER IS LESS; MINUS: \$ For Each Covered "Auto"
Specified Causes of Loss	ACTUAL CASH VALUE OR COST OF REPAIR WHICHEVER IS LESS; MINUS: \$ For Each Covered "Auto"

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

A. Coverage

1. Any "leased auto" designated or described in the Schedule will be considered a covered "auto" you own and not a covered "auto" you hire or borrow. For a covered "auto" that is a "leased auto" **Who Is An Insured** is changed to include as an "insured" the lessor named in the Schedule.
2. The coverages provided under this endorsement apply to any "leased auto" described in the Schedule until the expiration date shown in the Schedule, or when the lessor or his or her agent takes possession of the "leased auto", whichever occurs first.

B. Loss Payable Clause

1. We will pay, as interest may appear, you and the lessor named in this endorsement for "loss" to a "leased auto".
2. The insurance covers the interest of the lessor unless the "loss" results from fraudulent acts or omissions on your part.
3. If we make any payment to the lessor, we will obtain his or her rights against any other party.

C. Cancellation

1. If we cancel the policy, we will mail notice to the lessor in accordance with the Cancellation Common Policy Condition.
 2. If you cancel the policy, we will mail notice to the lessor.
 3. Cancellation ends this agreement.
- D.** The lessor is not liable for payment of your premiums.

E. Additional Definition

As used in this endorsement:

"Leased auto" means an "auto" leased to you, including any substitute, replacement or extra "auto" needed to meet seasonal or other needs, under a leasing agreement that requires you to provide direct primary insurance for the lessor.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

LESSOR - ADDITIONAL INSURED AND LOSS PAYEE

MASSACHUSETTS

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM
GARAGE COVERAGE FORM
TRUCKERS COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

Named Insured: SAIC, INC.	
Endorsement Effective Date:	04/01/2012
Countersignature Of Authorized Representative	
Name:	
Title:	
Signature:	
Date:	

SCHEDULE

Insurance Company: NATIONAL UNION FIRE INS CO OF PITTSBURGH, PA	
Policy Number: CA 498-27-19	Effective Date: 04/01/2012
Expiration Date: 04/01/2013	
Named Insured: SAIC, INC.	
Address: 10260 CAMPUS POINT DR, M/S A3-G SAN DIEGO, CA 92121	
Additional Insured (Lessor): AS KNOWN TO INSURER	
Address:	
Designation Or Description Of "Leased Autos": ON FILE WITH COMPANY	

COVERAGES	LIMITS OF INSURANCE
COMPULSORY BODILY INJURY	\$20,000 EACH PERSON \$40,000 EACH ACCIDENT
LIABILITY INSURANCE	
OPTIONAL BODILY INJURY	\$ EACH PERSON \$ EACH ACCIDENT
PROPERTY DAMAGE (COMPULSORY LIMIT \$5,000)	\$ EACH ACCIDENT
LIABILITY	\$ 1,000,000 EACH ACCIDENT
PHYSICAL DAMAGE INSURANCE	ACTUAL CASH VALUE OR COST OF REPAIR, WHICHEVER IS LESS, MINUS
COMPREHENSIVE	\$ Deductible FOR EACH COVERED AUTO
SPECIFIED CAUSES OF LOSS	\$ Deductible FOR EACH COVERED AUTO
COLLISION	\$ Deductible FOR EACH COVERED AUTO
LIMITED COLLISION	\$ Deductible FOR EACH COVERED AUTO
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Coverage

1. Any "leased auto" designated or described in the Schedule will be considered a covered "auto" you own and not a covered "auto" you hire or borrow.
2. For a "leased auto" designated or described in the Schedule, **Who Is An Insured** is changed to include as an "insured" the lessor named in the Schedule. However, the lessor is an "insured" only for "bodily injury" or "property damage" resulting from the acts or omissions by:
 - a. You;
 - b. Any of your "employees" or agents; or
 - c. Any person, except the lessor or any "employee" or agent of the lessor, operating a "leased auto" with the permission of any of the above.
3. The coverages provided under this endorsement apply to any "leased auto" described in the Schedule until the expiration date shown in the Schedule, or when the lessor or his or her agent takes possession of the "leased auto," whichever occurs first.

B. Loss Payable Clause

1. We will pay, as interest may appear, you and the lessor named in this endorsement for "loss" to a "leased auto."

2. The insurance covers the interest of the lessor unless the "loss" results from fraudulent acts or omissions on your part or if the loss is the result of arson, theft or any other means of disposal committed by you or at your direction.
3. If we make any payment to the lessor, we will obtain his or her rights against any other party.

C. Cancellation

1. If we cancel the policy, we will mail notice to the lessor in accordance with the Cancellation Condition.
2. If you cancel the policy, we will mail notice to the lessor.
3. Cancellation ends this agreement.

D. The lessor is not liable for payment of your premiums.

E. Additional Definition

As used in this endorsement:

"Leased auto" means an "auto" leased or rented to you, including any substitute, replacement or extra "auto" needed to meet seasonal or other needs, under a leasing or rental agreement that requires you to provide direct primary insurance.

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT
CAREFULLY.**

ENDORSEMENT

Insurance Primary as to Certain Additional Insureds

This endorsement, effective 12:01 A.M. 04/01/2012 forms a part of

Policy No. CA 498-27-17 issued to SAIC, INC.

by NATIONAL UNION FIRE INSURANCE COMPANY OF PITTSBURGH, PA

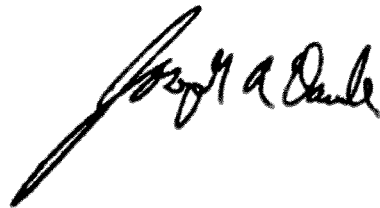
This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

Section IV - Business Auto Conditions, B., General Conditions, 5., Other Insurance, c., is amended by the addition of the following sentence:

The insurance afforded under this policy to an additional insured will apply as primary insurance for such additional insured where so required under an agreement executed prior to the date of accident. We will not ask any insurer that has issued other insurance to such additional insured to contribute to the settlement of loss arising out of such accident.

All other terms and conditions remain unchanged.



AUTHORIZED REPRESENTATIVE

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT
CAREFULLY.**

ENDORSEMENT

Insurance Primary as to Certain Additional Insureds

This endorsement, effective 12:01 A.M. 04/01/2012 forms a part of

Policy No. CA 498-27-18 issued to SAIC, INC.

by NATIONAL UNION FIRE INSURANCE COMPANY OF PITTSBURGH, PA

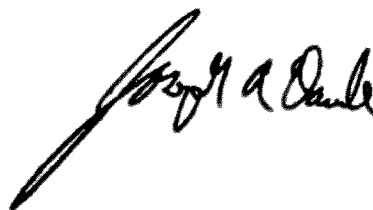
This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

Section IV - Business Auto Conditions, B., General Conditions, 5., Other Insurance, c., is amended by the addition of the following sentence:

The insurance afforded under this policy to an additional insured will apply as primary insurance for such additional insured where so required under an agreement executed prior to the date of accident. We will not ask any insurer that has issued other insurance to such additional insured to contribute to the settlement of loss arising out of such accident.

All other terms and conditions remain unchanged.



AUTHORIZED REPRESENTATIVE

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT
CAREFULLY.**

ENDORSEMENT

Insurance Primary as to Certain Additional Insureds

This endorsement, effective 12:01 A.M. 04/01/2012 forms a part of

Policy No. CA 498-27-19 issued to SAIC, INC.

by NATIONAL UNION FIRE INSURANCE COMPANY OF PITTSBURGH, PA

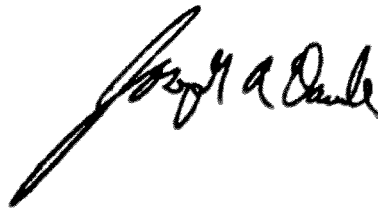
This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

Section IV - Business Auto Conditions, B., General Conditions, 5., Other Insurance, c., is amended by the addition of the following sentence:

The insurance afforded under this policy to an additional insured will apply as primary insurance for such additional insured where so required under an agreement executed prior to the date of accident. We will not ask any insurer that has issued other insurance to such additional insured to contribute to the settlement of loss arising out of such accident.

All other terms and conditions remain unchanged.



AUTHORIZED REPRESENTATIVE

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ENDORSEMENT

This endorsement, effective 12:01 A.M. 04/01/2012 forms a part of

Policy No. CA 498-27-17 issued to SAIC, INC.

by NATIONAL UNION FIRE INSURANCE COMPANY OF PITTSBURGH, PA

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US

This endorsement modifies insurance provided under the following:

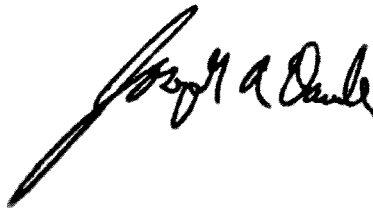
BUSINESS AUTO COVERAGE FORM

Section IV - Business Auto Conditions, A. - Loss Conditions, 5. - Transfer of Rights of Recovery Against Others to Us, is amended to add:

However, we will waive any right of recovery we have against any person or organization with whom you have entered into a contract or agreement because of payments we make under this Coverage Form arising out of an "accident" or "loss" if:

- (1) The "accident" or "loss" is due to operations undertaken in accordance with the contract existing between you and such person or organization; and
- (2) The contract or agreement was entered into prior to any "accident" or "loss".

No waiver of the right of recovery will directly or indirectly apply to your employees or employees of the person or organization, and we reserve our rights or lien to be reimbursed from any recovered funds obtained by any injured employee.



AUTHORIZED REPRESENTATIVE

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ENDORSEMENT

This endorsement, effective 12:01 A.M. 04/01/2012 forms a part of

Policy No. CA 498-27-18 issued to SAIC, INC.

by NATIONAL UNION FIRE INSURANCE COMPANY OF PITTSBURGH, PA

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US

This endorsement modifies insurance provided under the following:

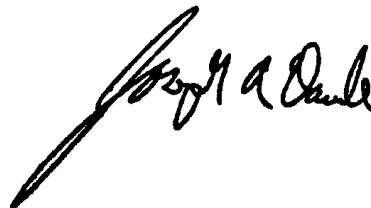
BUSINESS AUTO COVERAGE FORM

Section IV - Business Auto Conditions, A. - Loss Conditions, 5. - Transfer of Rights of Recovery Against Others to Us, is amended to add:

However, we will waive any right of recovery we have against any person or organization with whom you have entered into a contract or agreement because of payments we make under this Coverage Form arising out of an "accident" or "loss" if:

- (1) The "accident" or "loss" is due to operations undertaken in accordance with the contract existing between you and such person or organization; and
- (2) The contract or agreement was entered into prior to any "accident" or "loss".

No waiver of the right of recovery will directly or indirectly apply to your employees or employees of the person or organization, and we reserve our rights or lien to be reimbursed from any recovered funds obtained by any injured employee.



AUTHORIZED REPRESENTATIVE

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ENDORSEMENT

This endorsement, effective 12:01 A.M. 04/01/2012 forms a part of

Policy No. CA 498-27-19 issued to SAIC, INC.

by NATIONAL UNION FIRE INSURANCE COMPANY OF PITTSBURGH, PA

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

Section IV - Business Auto Conditions, A. - Loss Conditions, 5. - Transfer of Rights of Recovery Against Others to Us, is amended to add:

However, we will waive any right of recovery we have against any person or organization with whom you have entered into a contract or agreement because of payments we make under this Coverage Form arising out of an "accident" or "loss" if:

- (1) The "accident" or "loss" is due to operations undertaken in accordance with the contract existing between you and such person or organization; and
- (2) The contract or agreement was entered into prior to any "accident" or "loss".

No waiver of the right of recovery will directly or indirectly apply to your employees or employees of the person or organization, and we reserve our rights or lien to be reimbursed from any recovered funds obtained by any injured employee.



AUTHORIZED REPRESENTATIVE

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

**“ANY PERSON OR ORGANIZATION TO WHOM YOU BECOME
OBLIGATED TO WAIVE YOUR RIGHTS OF RECOVERY
AGAINST, UNDER ANY CONTRACT OR AGREEMENT YOU
ENTER INTO PRIOR TO THE OCCURRENCE OF LOSS”**

This form is not applicable in California, Kentucky, New Hampshire, New Jersey, North Dakota, Ohio, Tennessee, Texas, Utah or Washington.

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective 04/01/2012
Insured
SAIC, INC.

Policy No. WC 033-46-4518

Endorsement No.
Premium

Insurance Company
NEW HAMPSHIRE INSURANCE COMPANY

Countersigned by  _____

WC 00 03 13
(Ed. 4-84)

BLANKET WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

This endorsement changes the policy to which it is attached effective on the inception date of the policy unless a different date is indicated below.

(The following "attaching clause" need be completed only when this endorsement is issued subsequent to preparation of the policy).

This endorsement, effective 12:01 AM 04/01/2012 forms a part of Policy No. WC 033-46-4519

Issued to SAIC, INC.

By THE INSURANCE COMPANY OF THE STATE OF PENNSYLVANIA

We have a right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against any person or organization with whom you have a written contract that requires you to obtain this agreement from us, as regards any work you perform for such person or organization.

The additional premium for this endorsement shall be 2 % of the total estimated workers compensation premium for this policy.



WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

**“ANY PERSON OR ORGANIZATION TO WHOM YOU BECOME
OBLIGATED TO WAIVE YOUR RIGHTS OF RECOVERY
AGAINST, UNDER ANY CONTRACT OR AGREEMENT YOU
ENTER INTO PRIOR TO THE OCCURRENCE OF LOSS”**

This form is not applicable in California, Kentucky, New Hampshire, New Jersey, North Dakota, Ohio, Tennessee, Texas, Utah or Washington.

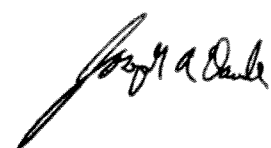
This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective 04/01/2012
Insured
SAIC, INC.

Policy No. WC 033-46-4520

Endorsement No.
Premium



Insurance Company
NEW HAMPSHIRE INSURANCE COMPANY

Countersigned by _____

WC 00 03 13
(Ed. 4-84)

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

**“ANY PERSON OR ORGANIZATION TO WHOM YOU BECOME
OBLIGATED TO WAIVE YOUR RIGHTS OF RECOVERY
AGAINST, UNDER ANY CONTRACT OR AGREEMENT YOU
ENTER INTO PRIOR TO THE OCCURRENCE OF LOSS”**

This form is not applicable in California, Kentucky, New Hampshire, New Jersey, North Dakota, Ohio, Tennessee, Texas, Utah or Washington.

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective 04/01/2012
Insured
SAIC, INC.

Policy No. WC 033-46-4521

Endorsement No.
Premium

Insurance Company
THE INSURANCE COMPANY OF THE STATE OF PENNSYLVANIA

Countersigned by



WC 00 03 13
(Ed. 4-84)

ALTERNATE EMPLOYER ENDORSEMENT

This endorsement applies only with respect to bodily injury to your employees while in the course of special or temporary employment by the alternate employer in the state named in Item 2 of the Schedule. Part One (Workers Compensation Insurance) and Part Two (Employers Liability Insurance) will apply as though the alternate employer is insured. If an entry is shown in Item 3 of the Schedule the insurance afforded by this endorsement applies only to work you perform under the contract or at the project named in the Schedule.

Under Part One (Workers Compensation Insurance) we will reimburse the alternate employer for the benefits required by the workers compensation law if we are not permitted to pay the benefits directly to the persons entitled to them.

The insurance afforded by this endorsement is not intended to satisfy the alternate employer's duty to secure its obligations under the workers compensation law. We will not file evidence of this insurance on behalf of the alternate employer with any government agency.

We will not ask any other insurer of the alternate employer to share with us a loss covered by this endorsement.

Premium will be charged for your employees while in the course of special or temporary employment by the alternate employer.

The policy may be canceled according to its terms without sending notice to the alternate employer.

Part Four (Your Duties If Injury Occurs) applies to you and the alternate employer. The alternate employer will recognize our right to defend under Parts One and Two and our right to inspect under Part Six.

Schedule

- | 1. Alternate Employer | Address |
|--|----------------|
| ANY ALTERNATE EMPLOYER OF YOUR EMPLOYEES | |
| 2. State of Special or Temporary Employment | |
| 3. Contract or Project | |

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective **04/01/2012**
Insured **SAIC, INC.**

Policy No. **WC 033-46-4518**

Endorsement No.
Premium

Insurance Company

NEW HAMPSHIRE INSURANCE COMPANY

Countersigned by _____

WC 00 03 01 A
(Ed. 2-89)

ALTERNATE EMPLOYER ENDORSEMENT

This endorsement applies only with respect to bodily injury to your employees while in the course of special or temporary employment by the alternate employer in the state named in Item 2 of the Schedule. Part One (Workers Compensation Insurance) and Part Two (Employers Liability Insurance) will apply as though the alternate employer is insured. If an entry is shown in Item 3 of the Schedule the insurance afforded by this endorsement applies only to work you perform under the contract or at the project named in the Schedule.

Under Part One (Workers Compensation Insurance) we will reimburse the alternate employer for the benefits required by the workers compensation law if we are not permitted to pay the benefits directly to the persons entitled to them.

The insurance afforded by this endorsement is not intended to satisfy the alternate employer's duty to secure its obligations under the workers compensation law. We will not file evidence of this insurance on behalf of the alternate employer with any government agency.

We will not ask any other insurer of the alternate employer to share with us a loss covered by this endorsement.

Premium will be charged for your employees while in the course of special or temporary employment by the alternate employer.

The policy may be canceled according to its terms without sending notice to the alternate employer.

Part Four (Your Duties If Injury Occurs) applies to you and the alternate employer. The alternate employer will recognize our right to defend under Parts One and Two and our right to inspect under Part Six.

Schedule

- | 1. Alternate Employer | Address |
|--|----------------|
| ANY ALTERNATE EMPLOYER OF YOUR EMPLOYEES | |
| 2. State of Special or Temporary Employment | |
| | |
| 3. Contract or Project | |

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective **04/01/2012**
Insured **SAIC, INC.**

Policy No. **WC 033-46-4519**

Endorsement No.
Premium

Insurance Company

Countersigned by _____



THE INSURANCE COMPANY OF THE STATE OF PENNSYLVANIA

WC 00 03 01 A
(Ed. 2-89)

ALTERNATE EMPLOYER ENDORSEMENT

This endorsement applies only with respect to bodily injury to your employees while in the course of special or temporary employment by the alternate employer in the state named in Item 2 of the Schedule. Part One (Workers Compensation Insurance) and Part Two (Employers Liability Insurance) will apply as though the alternate employer is insured. If an entry is shown in Item 3 of the Schedule the insurance afforded by this endorsement applies only to work you perform under the contract or at the project named in the Schedule.

Under Part One (Workers Compensation Insurance) we will reimburse the alternate employer for the benefits required by the workers compensation law if we are not permitted to pay the benefits directly to the persons entitled to them.

The insurance afforded by this endorsement is not intended to satisfy the alternate employer's duty to secure its obligations under the workers compensation law. We will not file evidence of this insurance on behalf of the alternate employer with any government agency.

We will not ask any other insurer of the alternate employer to share with us a loss covered by this endorsement.

Premium will be charged for your employees while in the course of special or temporary employment by the alternate employer.

The policy may be canceled according to its terms without sending notice to the alternate employer.

Part Four (Your Duties If Injury Occurs) applies to you and the alternate employer. The alternate employer will recognize our right to defend under Parts One and Two and our right to inspect under Part Six.

Schedule

- | 1. Alternate Employer | Address |
|--|----------------|
| ANY ALTERNATE EMPLOYER OF YOUR EMPLOYEES | |
| 2. State of Special or Temporary Employment | |
| 3. Contract or Project | |

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective **04/01/2012**
Insured **SAIC, INC.**

Policy No. **WC 033-46-4520**

Endorsement No.
Premium



Insurance Company

Countersigned by _____

NEW HAMPSHIRE INSURANCE COMPANY

WC 00 03 01 A
(Ed. 2-89)

ALTERNATE EMPLOYER ENDORSEMENT

This endorsement applies only with respect to bodily injury to your employees while in the course of special or temporary employment by the alternate employer in the state named in Item 2 of the Schedule. Part One (Workers Compensation Insurance) and Part Two (Employers Liability Insurance) will apply as though the alternate employer is insured. If an entry is shown in Item 3 of the Schedule the insurance afforded by this endorsement applies only to work you perform under the contract or at the project named in the Schedule.

Under Part One (Workers Compensation Insurance) we will reimburse the alternate employer for the benefits required by the workers compensation law if we are not permitted to pay the benefits directly to the persons entitled to them.

The insurance afforded by this endorsement is not intended to satisfy the alternate employer's duty to secure its obligations under the workers compensation law. We will not file evidence of this insurance on behalf of the alternate employer with any government agency.

We will not ask any other insurer of the alternate employer to share with us a loss covered by this endorsement.

Premium will be charged for your employees while in the course of special or temporary employment by the alternate employer.

The policy may be canceled according to its terms without sending notice to the alternate employer.

Part Four (Your Duties If Injury Occurs) applies to you and the alternate employer. The alternate employer will recognize our right to defend under Parts One and Two and our right to inspect under Part Six.

Schedule

- | 1. Alternate Employer | Address |
|--|----------------|
| ANY ALTERNATE EMPLOYER OF YOUR EMPLOYEES | |
| 2. State of Special or Temporary Employment | |
| 3. Contract or Project | |

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective **04/01/2012**
Insured **SAIC, INC.**

Policy No. **WC 033-46-4521**

Endorsement No.
Premium

Insurance Company

Countersigned by _____

THE INSURANCE COMPANY OF THE STATE OF PENNSYLVANIA

WC 00 03 01 A
(Ed. 2-89)

CONTRACT NO.
QF035912 (1)

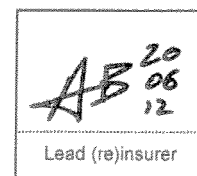
ENDORSEMENT No. 2

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

This endorsement modifies insurance provided under the following:

It is agreed that any person or organization as required by contract or agreement is included as an Additional Insured, but solely with respect to liability arising out of Professional Services or Contracting Services performed by or on behalf of the Named Insured and only to the extent required by contract or agreement, subject to the Limit of Liability and all other terms, conditions and limitations of this policy. It is further agreed that this insurance will be primary and non-contributory with any other available insurance, when required by contract or agreement.

All other terms and conditions remain unaltered.



BID BOND

Bond No. n/a

Amount \$5% of amount bid

KNOW ALL MEN BY THESE PRESENTS,

That we, SAIC

(hereinafter called the Principal),

as principal, and Federal Insurance Company, a corporation duly organized under the laws of the State of Indiana, hereinafter called the Surety, as Surety, are held and firmly bound unto

Board of County Commissioners of Broward County

(hereinafter called the Obligee),

in the sum of five percent of total amount bid (\$ 5% of total amount bid) the payment of which we, the said Principal and the said Surety, bind ourselves our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these present.

Sealed with our seals and dated this 25th day of July 2013..

WHEREAS, the Principal has submitted a bid, dated July 31, 2013
for

DISASTER DEBRIS MONITORING SERVICES

NOW, THEREFORE , THE CONDITION OF THIS OBLIGATION IS SUCH, that if the Obligee shall accept the bid of the Principal and the principal shall enter into a contract with the Obligee in accordance with such bid and give bond, with good and sufficient surety for the faithful performance of such contract, or in the event of the failure of the Principal to enter in to such contract and give such bond, if the principal shall pay to the Obligee the difference, not to exceed the penalty hereof , between the amount specified in said bid and the amount for which the Obligee may legally contract with another party to perform the work covered by said bid, if the latter amount be in excess of the former, then this obligation shall be null and void, otherwise to remain in full force and effect.

Risk Management Division

Frank Vasquez

Risk Insurance and Contracts

File - 9/9/13

SAIC

Principal

By: *[Signature]*

FEDERAL INSURANCE COMPANY

By: *[Signature]*

Natalie K. Trofimoff, Attorney-in-Fact

COUNTERSIGNED BY:

By: *[Signature]*

Ana W. Oliveras, FL License #EO77488

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Los Angeles

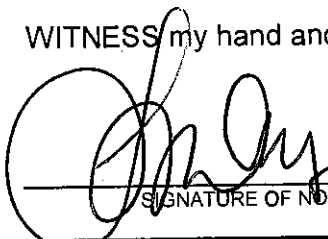
On JUL 25 2013 before me, B. Wong, Notary Public

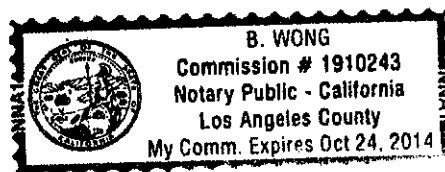
personally appeared, Natalie K. Trofimoff

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.


SIGNATURE OF NOTARY



Notary Public Seal

OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

DESCRIPTION OF ATTACHED DOCUMENT:

TITLE OR TYPE OF DOCUMENT: _____

NUMBER OF PAGES: _____ DOCUMENT DATE: _____

CAPACITY(IES) CLAIMED BY SIGNER(S)

Signer's Name: _____

☐ INDIVIDUAL

☐ CORPORATE OFFICER

Title(s) _____

☐ PARTNER(S) ☐ LIMITED ☐ GENERAL

☒ ATTORNEY-IN-FACT

☐ TRUSTEE(S)

☐ GUARDIAN/CONSERVATOR

☐ OTHER: _____

Signer's Name _____

☐ INDIVIDUAL

☐ CORPORATE OFFICER

Title(s) _____

☐ PARTNER(S) ☐ LIMITED ☐ GENERAL

☐ ATTORNEY-IN-FACT

☐ TRUSTEE(S)

☐ GUARDIAN/CONSERVATOR

☐ OTHER: _____

Signer is representing:

NAME OF PERSON(S) OR ENTITY(IES)

Signer is representing:

NAME OF PERSON(S) OR ENTITY(IES)



**Chubb
Surety**

**POWER
OF
ATTORNEY**

**Federal Insurance Company
Vigilant Insurance Company
Pacific Indemnity Company**

**Attn: Surety Department
15 Mountain View Road
Warren, NJ 07059**

Know All by These Presents, That FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, and PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, do each hereby constitute and appoint Cesar F. Javier, Jeffrey Strassner, Patricia S. Talavera, Natalie K. Trofimoff and Brenda Wong of Los Angeles, California-----

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY have each executed and attested these presents and affixed their corporate seals on this **25th** day of **January, 2012**.

Kenneth C. Wendel

Kenneth C. Wendel, Assistant Secretary

David B. Norris, Jr.

David B. Norris, Jr., Vice President

STATE OF NEW JERSEY

ss.

County of Somerset

On this **25th** day of **January, 2012**

before me, a Notary Public of New Jersey, personally came Kenneth C. Wendel, to me known to be Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the companies which executed the foregoing Power of Attorney, and the said Kenneth C. Wendel, being by me duly sworn, did depose and say that he is Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By-Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that he is acquainted with David B. Norris, Jr., and knows him to be Vice President of said Companies; and that the signature of David B. Norris, Jr., subscribed to said Power of Attorney is in the genuine handwriting of David B. Norris, Jr., and was thereto subscribed by authority of said By-Laws and in deponent's presence.

Notarial Seal



KATHERINE J. ADELAAR
NOTARY PUBLIC OF NEW JERSEY
No. 2316685
Commission Expires July 16, 2014

Katherine J. Adelaar

Notary Public

CERTIFICATION

Extract from the By-Laws of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY:

"All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the President or a Vice President or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or lithographed. The signature of each of the following officers: Chairman, President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached."

I, Kenneth C. Wendel, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY (the "Companies") do hereby certify that

- (i) the foregoing extract of the By-Laws of the Companies is true and correct,
- (ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U.S. Treasury Department; further, Federal and Vigilant are licensed in Puerto Rico and the U.S. Virgin Islands, and Federal is licensed in American Samoa, Guam, and each of the Provinces of Canada except Prince Edward Island; and
- (iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Warren, NJ this

day of

JUL 25 2013



Kenneth C. Wendel

Kenneth C. Wendel, Assistant Secretary

IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT ADDRESS LISTED ABOVE, OR BY Telephone (908) 903- 3493 Fax (908) 903- 3656

e-mail: surety@chubb.com



August 7, 2013

Randy Plunkett, Purchasing Agent
Broward County Purchasing Division
115 South Andrews Avenue, Room 212
Fort Lauderdale, FL 33301

Subject: ITB #M1110901B1 – Disaster Debris Monitoring Services

Dear Mr. Plunkett and Members of the Selection Committee,

Science Applications International Corporation (SAIC), in cooperation with Nova Consulting, Inc. (Nova) and Brown Thornton Pacenta & Company, Inc. (BTP), is pleased to submit the enclosed proposal to provide disaster debris monitoring services to Broward County (County). SAIC offers a unique integration of mitigation, emergency preparedness and planning, and disaster response and recovery management services, providing end-to-end solutions to the County's pre- and post-disaster management, monitoring, and consulting needs. We are well suited to assist the County with these essential services for the following reasons:

- **Experience and Understanding of Broward County's Needs.** SAIC has extensive knowledge of Broward County and its priorities and requirements. Our largest activation in Broward County was in 2005 following Hurricane Wilma, where we monitored the collection and removal of over 4 million cubic yards (CYs) of debris from several of the municipalities within the County. *Since 2008, SAIC has held Broward County's contract for disaster debris monitoring, and Nova has been involved in every project and task that SAIC has completed for Broward County since the start of this contract.* SAIC has assisted and provided Broward County with the following:
 - **Broward County Disposal Site Survey.** In 2010, SAIC conducted the Broward County Disposal Site Survey, which involved dividing the County into 6 regions to determine potential central disposal sites in each region following a tropical weather event. SAIC's team members, including Mr. Chuck McLendon, Ms. Kerri O'Dell, and Ms. Anne Cabrera, managed this large, comprehensive debris management site study that included coordination with all 31 municipalities within Broward County and several County agencies.
 - **Yearly Coordination Meetings.** SAIC conducts yearly meetings with Broward County personnel to prepare for and discuss the upcoming hurricane season. These include meetings with Broward County agencies and the incorporated cities that currently use an inter-local agreement for disposal at County-managed sites.
 - **Review of Broward County's Debris Management Center Plan.** Every year, Mr. Oliver Yao leads SAIC team members in review of Broward County's Debris Management Center Plan, including the standard operating procedures that SAIC worked to develop on the County's behalf. SAIC works with Broward County to make sure the plan is up to date and contains all the information necessary for an activation.
 - **Provide Customized Training Sessions to Other Divisions in Broward County.** Even though SAIC's current debris monitoring contract is managed through the Solid Waste and Recycling Services Division in Broward County, SAIC has been proactive regarding working with other County agencies. This work includes writing custom sample work authorizations for several County agencies to utilize in the event of a disaster and providing expertise and training when necessary. In 2011, SAIC worked to provide the Highway Bridge Maintenance Division with a customized half-day training session. SAIC staff

members, including Mr. Ralph Natale, Mr. John Buri, and Ms. Anne Cabrera, hosted the training session and provided the Highway Bridge Maintenance Division with a detailed description of the documentation procedures necessary to track their labor, equipment, and tasks following a disaster to maximize reimbursement.

SAIC is proud of our experience and understanding of Broward County and is committed to successfully managing all phases of debris removal monitoring for Broward County following a debris-generating event. SAIC also continues to work with Nova and its local staff, who possess in-depth knowledge of the County and surrounding areas. *This in-depth understanding will ensure our team helps the County design the most cost-effective debris operation.* In addition, BTP will help make up our financial management team for Broward County. BTP has extensive experience with disaster recovery operations and provided disaster support services to Broward County following Hurricanes Katrina and Wilma.

- **Local Knowledge, Expertise, and Understanding of South Florida's Needs.** Our team includes local individuals with extensive experience in South Florida. We have assisted numerous communities in South Florida with response and recovery efforts following Hurricanes Charley, Frances, Jeanne, Ivan, Katrina, and Wilma. Our team has been called upon by the counties of Collier, Miami-Dade, and Monroe as well as the cities of Boca Raton, Fort Lauderdale, Marathon, Naples, Pembroke Pines, and Plantation to provide debris monitoring services and grant application, administration, and management. Our largest activation in South Florida was in 2005 following Hurricane Wilma, where we monitored the collection and removal of almost 9 million CYs of debris. In total, *SAIC has monitored almost 30 million CYs of debris in Florida, with 13 million CYs monitored in South Florida.*

SAIC has 47 total offices and approximately 1,930 staff located throughout the state of Florida ready to serve the County on this recovery effort. *SAIC will utilize its Miami office location, along with Nova's office location in Fort Lauderdale, for the staging of equipment and personnel.* This is beneficial to Broward County because it maximizes the availability of resources and ability to respond, regardless of local conditions. In addition, SAIC's proposed project manager, Ms. Anne Cabrera, is a resident of Broward County. Having our project manager located in the City of Fort Lauderdale will allow us to be available to the County within minutes, if needed. With the SAIC Team's local representation, we will have keen insight into any challenges or protocols unique to Broward County.

- **Unmatched Disaster Response and Recovery Experience.** SAIC has been involved in nearly every major response effort occurring within the past 10 years, earning us a reputation for being the preeminent "ground zero" debris monitoring program management firm in the country. Our team of experts has managed the recovery of *over 69 million CYs of debris* on behalf of over 200 public sector clients, resulting in excess of \$3 billion in reimbursable costs to our clients from the Federal Emergency Management Agency (FEMA), state regulatory agencies, the Federal Highway Administration (FHWA), and the Natural Resources Conservation Service (NRCS). *Currently, our team of recovery experts is closing out monitoring and management programs associated with an ice storm in the City of Sioux Falls, South Dakota; Hurricane Isaac in Louisiana; and Hurricane Sandy in New Jersey.* SAIC has assisted communities in Vermont, Virginia, and North Carolina affected by the unprecedented flooding caused by Hurricane Irene, communities in Texas affected by the 2011 Texas wildfires, communities in Connecticut affected by the 2011 Halloween nor'easter, and communities in Iowa affected by the devastating flooding of 2008. We have also served communities in all five states along the Gulf Coast affected by Hurricanes Katrina, Wilma, Rita, Gustav, and Ike and the Deepwater Horizon oil spill.

- **Strong Beach, Marine, and Vessel Qualifications and Experience.** SAIC has led many of the largest beach and marine debris removal programs in United States history. Our experience includes the removal of hundreds of vessels from the environmentally sensitive Florida Keys following the 2004-2005 hurricane season, debris mapping utilizing SAIC's proprietary side scan sonar in Lake Borgne following Hurricane Katrina, and marine and vessel debris removal on behalf of the New Jersey Department of Environmental Protection following Hurricane Sandy. We have also led other marine debris removal programs for local governments, including Escambia County, FL; City of Galveston, TX; and Collier County, FL.
- **Refined Technical and Management Approach Using Automated Debris Management System (ADMS) Technology.** Resulting from hundreds of client activations, SAIC has developed a strong and proven methodology for disaster debris monitoring. This methodology begins with our off-season training and migrates through to our response mobilization and recovery practices. Our sophisticated ADMS technology utilizes SAIC's advanced geographic information system (GIS) capabilities to meet our clients' reporting and communications needs. SAIC recently implemented this technology successfully with multiple clients, including the City of Sioux Falls, South Dakota; New Jersey Department of Environmental Protection; St. John the Baptist Parish, Louisiana; Borough of Sayreville, New Jersey; and the City of Houston, Texas. This system provides a highly reliable, paperless documentation technology with real-time GIS-based reporting.
- **FEMA Reimbursement Experts/Washington, DC, Lobbying Support.** As a value-added benefit to the County, SAIC maintains a staff of reimbursement experts who have obtained reimbursement of over \$3 billion of FEMA Public Assistance costs incurred by our clients. Our reimbursement experts can help the County maximize reimbursement and obtain favorable interpretation of FEMA reimbursement policy. A key member of our reimbursement support team is Mr. Earnest B. Abbot, former legal counsel to FEMA under the Clinton Administration. Mr. Abbot is nationally recognized as one of the leading authorities on the legal and regulatory aspects of disaster recovery. Consequently, Mr. Abbot is considered an expert in successfully managing FEMA appeals. Another member of the SAIC reimbursement support team is Mr. Dick Hainje, former director of FEMA Region VII. As director of Region VII, Mr. Hainje administered several large-scale debris removal efforts as a result of severe weather in the Midwest and assisted Region IV with the 2004 Florida hurricane FEMA response. *SAIC meets with the Florida Division of Emergency Management (FDEM) regularly and meets with FEMA Region IV annually to maintain an effective working relationship and to ensure that our clients are kept abreast of the latest FEMA funding policies.*

SAIC would be honored to continue to serve as the County's disaster debris monitoring services provider. We are fully prepared to provide the high quality service the County expects. If you have any questions regarding this response, please contact the authorized representatives below.

Technical representative:

Ms. Anne Cabrera

2301 Lucien Way, Suite 120, Maitland, FL 32751
(954) 559-4951 | anne.e.cabrera@saic.com

Contractual representative:

Ms. Betty Kamara

2301 Lucien Way, Suite 120, Maitland, FL 32751
(407) 803-2551 | betty.v.kamara@saic.com

Sincerely,

Science Applications International Corporation

Betty Kamara
Contracts Administrator

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SAIC®

ATTACHMENT A

Supplemental Information

Question #5

BDR Division of SAIC is currently engaged in activations for the following projects/clients.

Client	Name of Project	Total Contract Value	Anticipated Completion Date	% of Completion to Date
Bastrop County, Texas	Wildfire Disaster Debris Program Management	\$3,925,068.38	July 2013	99%
City of Houston, Texas	Removal of Drought-Stricken Dead Trees	\$103,867.50	July 2013	99%
City of New Orleans, Louisiana	Hurricane Katrina Residential Demolitions	\$8,075,037.50	July 2013	90%
City of Sioux Falls, South Dakota	Disaster Debris Program Management	\$1,131,635.02	July 2013	99%
University of Iowa	Commercial Demolition (Flooding)	\$194,208	September 2013	10%
New Jersey Department of Environmental Protection - North Waterways	Hurricane Sandy Disaster Debris Program Management	\$1,410,763.10	October 2013	70%
New Jersey Department of Environmental Protection - South Waterways	Hurricane Sandy Disaster Debris Program Management	\$1,472,360.25	November 2013	70%

Question #8.4

List of SAIC Corporate Officers

Name	Title
Young, A. Thomas	Director (Chair)
Cordova, France A.	Director
Drummond, Jere A.	Director
Frist III, Thomas F.	Director
Hamre, John J.	Director
John, Miriam E.	Director
Jones, Anita K.	Director
Jumper, John P.	Director
Kraemer, Harry M. Jansen Jr.	Director
Nussdorf, Lawrence C.	Director

Sanderson, Edward J. Jr.	Director
Simpson, Louis A.	Director
Jumper, John P.	Chief Executive Officer and President
Shea, K. Stuart	Chief Operating Officer
Cuff, James E.	Executive Vice President for Business Development, Strategy and M&A
James, Deborah L.	Executive Vice President for Communications and Government Affairs
Keenan, Brian F.	Executive Vice President for Human Resources
Maffeo, Vincent A.	Executive Vice President and General Counsel
Sopp, Mark W.	Executive Vice President and Chief Financial Officer
Alving, Amy E.	Senior Vice President and Chief Technology Officer
Birdsong, Robert S.	Senior Vice President, Director of Internal Audit
Fisher, Steven P.	Senior Vice President, Treasurer and Treasury Accounts Officer
Hartley, John R.	Senior Vice President and Controller
Scott, Douglas E.	Corporate Secretary
Craver, Joseph W. III	Group President
Moraco, Anthony J.	Group President
Baybrook, Thomas G.	(Acting) Group President
Amick, David C.	Vice President
Langer, Barry S.	Vice President
Crown, Marc H.	Assistant Treasurer and Treasury Accounts Officer
Curtin, Maryann K.	Assistant Vice President
Ruggiero, Lawrence E.	Assistant Secretary

Question #8.5

List of SAIC Companies, Subsidiaries and Equity Partners

CloudShield: CloudShield Technologies, Inc., a wholly owned subsidiary of SAIC, has been a leading innovator in the cybersecurity domain for a decade — delivering exceptional and proven protection against the latest threats and exploits on its scalable open solutions platform to national governments and tier one telecom companies worldwide.

MEDPROTECT LLC: MEDPROTECT's mission is to support government health-payer organizations by offering provider and beneficiary support and education, fraud and abuse detection and investigation services, health-care program oversight, and data and policy analyses.

Reveal: Reveal, an SAIC company, is a recognized leader in the development of threat detection products and services. Reveal has built an outstanding reputation as a trusted provider by collaborating closely with its customers to deliver innovative and cost-effective solutions that consistently exceed their expectations.

SAIC International Subsidiaries: SAIC international entities include locations in Canada, the Caribbean, Europe, the Middle East and the Pacific Rim.

SAIC-Frederick, Inc.: SAIC-Frederick, Inc. develops and applies advanced technologies to accelerate the translation of basic research discoveries into products for patients with cancer and AIDS. It is a wholly-owned subsidiary of SAIC and dedicated to a single contract to the Frederick National Laboratory for Cancer Research.

Varec, Inc.: Varec, Inc., a wholly owned subsidiary of SAIC, has been a leading innovator in the petroleum and chemical sectors for over seven decades — delivering automated systems and professional services for most major oil companies worldwide.

Vitalize Consulting Solutions: Vitalize Consulting Solutions (VCS), an SAIC company, provides a wide variety of clinical, business, and IT solutions for healthcare enterprises.

State of Florida

Department of State

I certify from the records of this office that SCIENCE APPLICATIONS INTERNATIONAL CORPORATION is a Delaware corporation authorized to transact business in the State of Florida, qualified on February 8, 1984.

The document number of this corporation is P00868.

I further certify that said corporation has paid all fees due this office through December 31, 2013, that its most recent annual report/uniform business report was filed on April 15, 2013, and its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Twenty-sixth day of June,
2013*



Ken Detjen
Secretary of State

Authentication ID: CU9493644783

To authenticate this certificate, visit the following site, enter this ID, and then follow the instructions displayed.

<https://efile.sunbiz.org/certauthver.html>

SECTION B

Qualifications of the Firm

Description and History of the Firm

Science Applications International Corporation (SAIC) is a Fortune 500® scientific, engineering, and technology applications company that uses its deep domain knowledge to solve problems of vital importance to the nation and the world in the areas of national security, energy and the environment, critical infrastructure, and health. The company's approximately 40,000 employees serve customers in the U.S. Department of Defense (DoD), the intelligence community, the Federal Emergency Management Agency (FEMA), the U.S. Department of Homeland Security (DHS), and other local, state, and federal agencies and commercial customers.

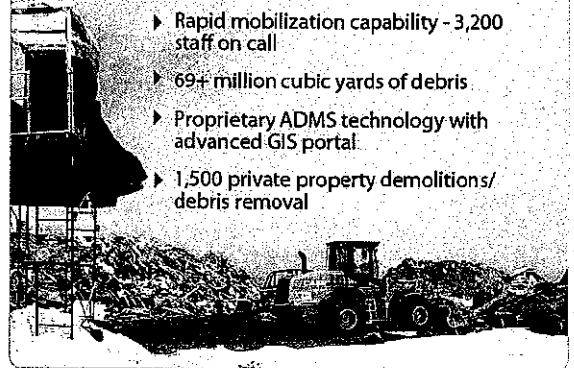
SAIC's BDR Division provides end-to-end services in disaster preparedness, emergency management, and post-event response and recovery. Dedicated to helping state and local governments plan for and recover from natural and human-caused disasters, SAIC offers a field-tested and proven methodology for field monitoring, processing site oversight, and FEMA/federal reimbursement processes. SAIC is recognized for its ability to quickly respond to a broad range of emergencies, allowing our clients to return to the business of running their day-to-day operations.

SAIC's response and recovery professionals are uniquely familiar with the policies, procedures, and requirements associated with providing disaster recovery services. Our understanding of FEMA and other federal reimbursement agencies' requirements for eligibility, documentation, and reimbursement helps clients receive the maximum reimbursement allowed. We have obtained over \$3 billion in reimbursement funds for our clients from federal agencies such as FEMA, Federal Highway Administration (FHWA), and the Natural Resources Conservation Service (NRCS).

SAIC has extensive knowledge of the State of Florida and its local communities' priorities and requirements. *SAIC currently holds the Broward County contract for debris monitoring* and has assisted numerous communities in Florida with response and recovery efforts following Hurricanes Charley, Frances, Jeanne, Ivan, Katrina, and Wilma. Our team of professionals has been called upon by the counties of Broward, Collier, Escambia, Miami-Dade, Monroe, and Santa Rosa as well as the cities of Boca

KEY BENEFITS

- ▶ Assisted more than 200 clients in recovering from 40 different declared disasters
- ▶ Seasoned veteran staff with FEMA work experience
- ▶ Extensive large project experience
 - ▶ 18 projects > 1 million cubic yards
- ▶ Over \$3 billion of FEMA reimbursement experience
- ▶ Vast resources - mobile command center, mobile data center, satellite phones
- ▶ Rapid mobilization capability - 3,200 staff on call
- ▶ 69+ million cubic yards of debris
- ▶ Proprietary ADMS technology with advanced GIS portal
- ▶ 1,500 private property demolitions/debris removal



Raton, Fort Lauderdale, Marathon, Naples, Orlando, Pembroke Pines, Plantation, and Sarasota to provide debris monitoring services and grant application, administration, and management.

Joining SAIC in this submittal is Nova Consulting, Inc. (Nova) and Brown Thornton Pacenta & Company, P.A. (BTP). *Nova is a local minority woman-owned and operated firm that has been working with SAIC throughout the duration of the debris monitoring contract and has been involved in every project and task that SAIC has completed for Broward County since 2008.* BTP, a certified public accounting firm, has extensive experience with FEMA disaster recovery operations and has provided disaster support services for recovery efforts to numerous communities within South Florida following Hurricanes Ivan, Dennis, Katrina, and Wilma

Office Locations in Florida

SAIC's BDR Division corporate headquarters is located in Maitland, Florida, and 46 additional SAIC offices are located throughout Florida. *For operations within Broward County, SAIC will utilize its Miami office location; additionally, SAIC's partner, Nova, maintains offices in Fort Lauderdale, Doral, and West Palm Beach that can also be used to support operations within the County.* These local offices may be used for office space, on-site IT personnel, communication resources (e.g., a debris hotline call center if deemed necessary by the County), or staging of mobile trailers and equipment.

Exhibit B-1: SAIC Office Locations in Florida

SAIC OFFICE LOCATIONS IN FLORIDA

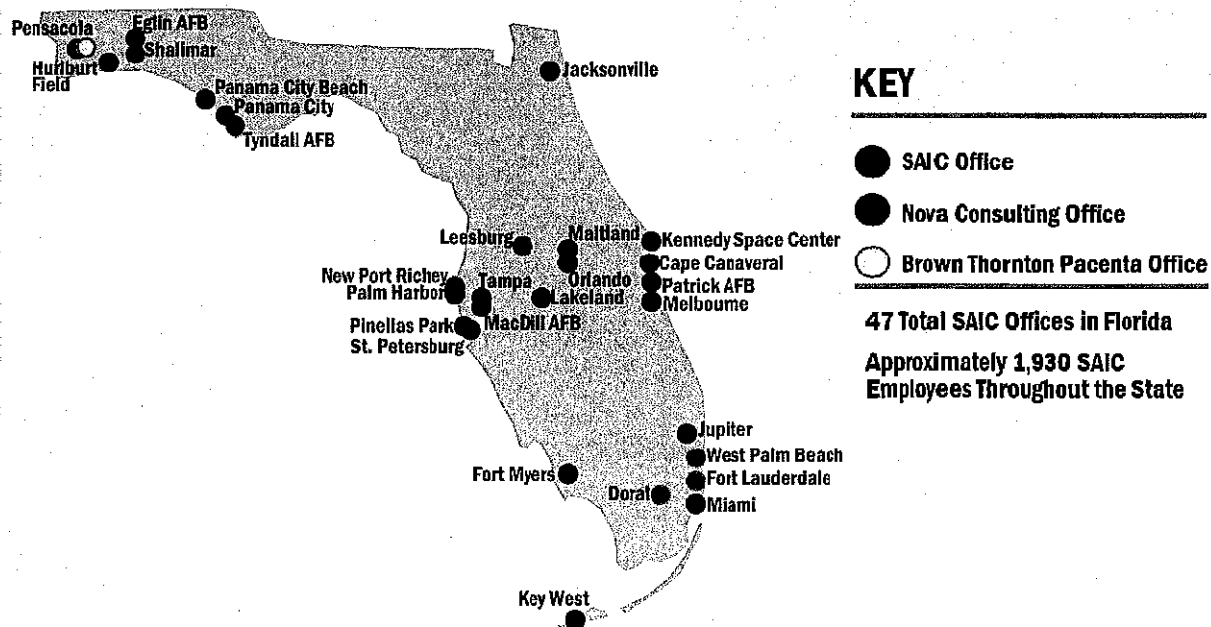
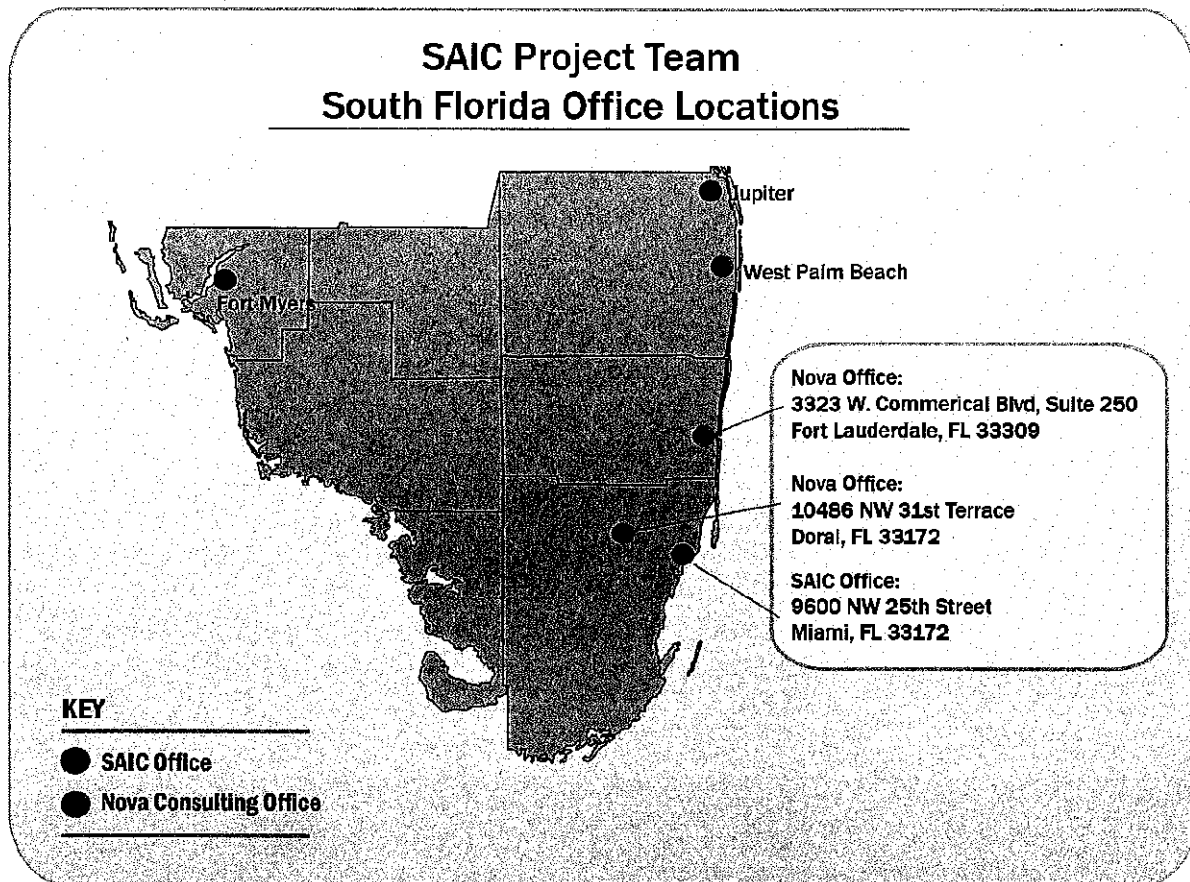


Exhibit B-2: SAIC Project Team South Florida Office Locations



Experience with Monitoring and Management of Post-Disaster Debris Collection

SAIC is recognized for its ability to quickly respond to a broad range of emergencies, allowing our clients to return to the business of running their day-to-day operations. We understand the significant resource commitment and effort that is necessary to manage and monitor large-scale debris removal operations for local governments. We have monitored and obtained FEMA, FHWA, and NRCS reimbursement on *18 debris removal projects in excess of 1 million cubic yards (CYs)*. In total, SAIC has successfully managed the removal of and reimbursement for over *69 million CYs of debris* as well as the *demolition of over 5,000 uninhabitable residential and commercial structures*. We have helped local governments obtain over *\$3 billion in reimbursement funds* from federal agencies such as FEMA, FHWA, and NRCS. *As a result of our successful performance on past projects, SAIC has become a national leader in providing management and support documentation for the following:*

- Emergency road clearance
- Monitoring of debris collection
- Oversight of debris management sites (DMS)
- Operation of citizen drop-off sites
- Demolition of uninhabitable structures
- Data management and invoice reconciliation
- Final debris disposal at a landfill or other end use
- Conflict and damage resolution
- Truck certification
- Execution of private property debris removal (PPDR) programs
- Right-of-entry (ROE) administration

Special Programs Management

SAIC is experienced with all facets of the debris removal monitoring industry, including special disaster recovery program management services. Some examples of special programs SAIC has managed and administered include the following:

- Beach remediation/restoration
- Marine/waterway debris removal
- Private property demolition/debris removal
- Vessel and automobile removal
- White goods debris removal
- Disposal site management
- Animal carcass removal and disposal
- Leaner, hanger, and stump removal
- Food waste removal
- Subsurface storm drain debris removal
- Hazardous waste debris removal
- Nuisance abatement ordinance administration
- Saltwater killed tree removal
- Asbestos abatement

Oversight Functions for Multiple Communities within the Same Jurisdictions

SAIC takes great pride in providing consistent and high quality services to all of our clients. *SAIC has never failed to respond to our clients' deployment and mobilization needs, regardless of location or the type of disaster.* SAIC uses Incident Command Structure (ICS) to maintain span of control when providing oversight functions for multiple communities within the same jurisdiction. Exhibit B-3 is a summary of recent disaster debris management assignments that required SAIC to manage multiple local governments within the same jurisdiction and contract. *Following Winter Storm Alfred, SAIC was called upon by the State of Connecticut to manage multiple projects under the State's debris monitoring contract.* Due to the successful recovery efforts following Winter Storm Alfred, the State of Connecticut activated SAIC's contract again for Hurricane Sandy.

Exhibit B-3: SAIC's Oversight of Multiple Projects Under the Same Jurisdiction

Contract	Clients	Event
State of Connecticut	Towns of Bethany, Branford, Fairfield, Greenwich, Weston, and Woodbridge, Connecticut; Cities of Milford and New London, Connecticut; and State of Connecticut Department of Economic and Community Development	Hurricane Sandy
State of New Jersey	City of Newark, New Jersey; Borough of Sayreville, New Jersey; and Township of Ocean, New Jersey	Hurricane Sandy
Jefferson Parish, Louisiana	Towns of Lafitte and Grand Isle, Louisiana	Hurricane Isaac
State of Connecticut	Connecticut Department of Transportation; City of Hartford, Connecticut; Towns of Berlin, Bristol, Danbury, East Granby, East Windsor, Ellington, Enfield, Manchester, Newington, Plymouth, South Windsor, Vernon, West Hartford, and Windsor Locks	Winter Storm Alfred / Nor'easter
Dare County	Towns of Duck, Kill Devil Hills, Kitty Hawk, Nags Head, Manteo, and Southern Shores, North Carolina	Hurricane Irene
Virginia Department of Transportation (VDOT)	Counties of Greensville, Isle of Wight, James City, Southampton, Surry, Sussex, and York	Hurricane Irene

Direct Florida Debris Monitoring Experience

Over the past decade, SAIC has provided disaster debris monitoring and program management services to numerous local governments in Florida following a debris-generating event. *Since 2004, SAIC has monitored the collection and removal of over 30 million CYs of debris in Florida, with 13 million CYs in South Florida.* Our largest activation in South Florida was in 2005 following Hurricane Wilma, where we monitored the collection and removal of almost 9 million CYs of debris, *with over 4 million CYs from several municipalities within Broward County.* SAIC is proud of our experience in Florida and is committed to successfully managing all phases of debris removal for our clients following a debris-generating event. Exhibit B-4 outlines a few examples of SAIC's disaster debris monitoring experience with Florida communities.

Since 2004, SAIC's staff members have monitored the collection and removal of over 30 million CYs of debris in Florida, with 13 million CYs in South Florida.

Exhibit B-4: SAIC's South Florida Debris Monitoring Experience

Disaster Recovery and Debris Cleanup Management – City of Fort Lauderdale, Florida



- Mobilized a full support team for deployment to the City of Fort Lauderdale Emergency Operations Center to provide comprehensive disaster recovery cleanup within hours of Hurricane Katrina
- Developed zone and map books to be used for collection monitoring activities and provided comprehensive collection and disposal monitoring activities
- Distinguished collection between Hurricane Katrina and Hurricane Wilma
- Responsible for monitoring activities for hazardous stump removal, tree removal, and waterway cleanup; *monitoring collection activities totaling 700,000 CYs of debris*

Disaster Debris Program Management – City of Plantation, Florida



- Mobilized an emergency response team to provide comprehensive disaster recovery services following the landfall of Hurricanes Katrina and Wilma in 2005
- Provided comprehensive collection and disposal monitoring activities
- Worked with the City of Plantation to develop Category A Project Worksheets (PWs) to immediately infuse cash flow into the City's general fund
- Provided FEMA compliance oversight on leaner, hanger, and stump removal operations performed by the City's contractor
- *Monitored the collection of 60,000 CYs of debris for Hurricane Katrina and an additional 800,000 CYs of debris following Hurricane Wilma*

Disaster Recovery and Storm Cleanup Management – City of Cooper City, Florida



- Deployed a full support team to assist with staging operations, project staffing, and scheduling following Hurricane Wilma
- Provided truck certification for the City's debris hauler (Ashbritt), load ticket data entry, and contractor invoice reconciliation and approval
- Monitored debris removal efforts in Cooper City parks
- Assisted the City in preparing FEMA PWs to obtain maximum reimbursement
- *Monitored the collection and removal of over 230,000 CYs of debris*

Disaster Recovery and Storm Cleanup Management – City of Miramar, Florida



- Deployed a full support team to assist with staging operations, project staffing, and scheduling following Hurricane Wilma
- Developed zone and map books to be used for collection monitoring activities and provided comprehensive collection and disposal monitoring activities
- Monitored multiple City contractors and distinguished data for FEMA and audit purposes
- Oversaw all data management and contractor invoice reconciliation activities
- *Monitored the collection and removal of over 500,000 CYs of debris*

Disaster Recovery and Disaster Debris Program Management – Miami-Dade County, Florida



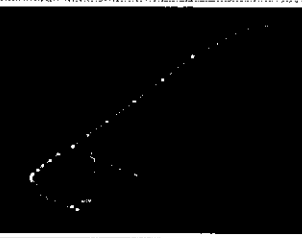
- Assembled and deployed a full disaster recovery team to assist with equipment staging and logistical operations, project staffing, and daily dispatching of field inspectors following Hurricanes Katrina and Wilma
- Implemented an aggressive operations schedule to clear all major arterial roads within five days
- Hired approximately 1,000 local residents at the peak of operations
- Provided the full range of monitoring services, including truck certification, field monitoring, tower monitoring, ticket data entry and management, and contractor invoice reconciliation
- *Successfully managed the required documentation for the removal of 5.5 million CYs of disaster debris for Miami-Dade County*

Disaster Debris Program Management – Collier County, Florida



- Awarded the contract after Collier County observed our specialized work with the Naples Airport during a similar scope of services on the Gordon River after Hurricane Wilma stuck in 2005
- Estimated 47 miles of waterways and canals were affected and required debris removal
- Successfully managed the environmentally sensitive debris removal operation while providing daily progress reports that included debris concentration maps, debris removal tracking maps that included global positioning system (GPS) coordinates, before and after photographs, and debris quantity tracking spreadsheets
- Special considerations enforced included the *preservation of the embankments, the protection of endangered species (mangroves), and the restoration of the natural flow of water*

Disaster Debris Program Management – City of Naples, Florida

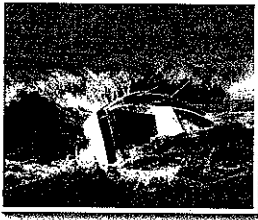


- Mobilized an on-site emergency response team to provide comprehensive disaster recovery services following Hurricane Wilma
- Provided comprehensive collection and disposal monitoring activities
- Deployed 40 collection monitors daily to monitor collection activities
- Responsible for monitoring activities for hazardous stump removal, tree removal, and private property ROE administration
- SAIC staff entered and analyzed load tickets resulting from the debris monitoring process
- Responsible for debris contractor invoice reconciliation and approval as well as assisting City of Naples and FEMA staff with the preparation of PWS

Disaster Debris Program Management – Monroe County, Florida



- Retained to provide FEMA-required disaster debris monitoring services after Hurricane Dennis
- Responsible for determining the roads eligible for FEMA and/or FHWA funding, working with Monroe County's contract debris hauler to develop zones in which to assign collection subcontractors, identifying suitable locations for DMS locations, and providing oversight for the four DMS locations established within Monroe County
- Involvement included approximately 20 personnel performing project management, collection monitoring, disposal monitoring, and data management functions
- Responsible for data entry, quality assurance (QA)/quality control (QC) of load tickets, reconciling debris contractor invoices, and authorizing payment by Monroe County
- Helped Monroe County pioneer a FEMA-funded vessel recovery program following Hurricane Wilma, *oversaw the removal of over 450 derelict vessels and over 60,000 crab traps*
- *Monitored over 400,000 CYs of debris following Hurricanes Dennis and Wilma*

Disaster Recovery and Debris Cleanup Management – City of Marathon, Florida

- Retained by the City of Marathon to provide the disaster debris monitoring services following Hurricanes Dennis and Wilma in 2005
- Provided comprehensive contract management, collection and disposal monitoring, hazardous waste collection monitoring, data collection and management, invoice reconciliation, and FEMA reimbursement
- Responsible for FEMA compliance monitoring and audit oversight
- *Monitored the collection and removal of 20,000 CYs of debris for Hurricane Dennis and 100,000 CYs of debris for Hurricane Wilma*

Disaster Recovery and Debris Cleanup Management – City of Boca Raton, Florida

- Provided disaster recovery and storm debris management services for Hurricanes Frances, Katrina, and Wilma
- Developed zone and map books to be used for collection monitoring activities
- Coordinated logistics with the City's sanitation crews to ensure an organization approach between City crews and contract debris hauler
- Oversaw all data management activities associated with the debris collection effort and provided comprehensive collection and disposal monitoring activities
- Responsible for monitoring activities for hazardous stump removal, tree removal, and some waterway cleanup, *totaling 200,000 CYs of vegetative debris that was collected throughout the city*

Following the extremely active 2004-2005 hurricane season, the State of Florida has been fortunate enough to not be impacted by a major tropical system. However, there have been recent debris-generating events that SAIC has been called upon to assist clients with their disaster recovery needs. Exhibit B-5 is a summary of SAIC's recent debris monitoring activations within Florida.

Exhibit B-5: Summary of SAIC's Recent Debris Monitoring Activations in Florida

Client	Disaster	Year	Cubic Yards Monitored
Volusia County, Florida	Groundhog Day Tornadoes	2007	136,411
St. Johns County, Florida	Tropical Storm Fay	2008	13,600
Clay County, Florida	Tropical Storm Debby	2012	4,000

Total Response Experience

SAIC has assisted local governments across the County with responding to and recovering from debris-generating events. Within the past five years, SAIC has responded to eight major disaster events with total costs in excess of \$10 million. The eight major disaster events correlate to over 150 clients that SAIC has assisted in recovery efforts. Exhibit B-6 is a summary of the disaster event, number of clients, and total debris contractor and monitoring costs.

Exhibit B-6: SAIC's 2008–2013 Total Response Experience

Disaster Event	Number of Clients	Total Debris Contractor Costs and Monitoring Costs
Hurricane Dolly (2008)	4	\$17,710,613
Hurricane Gustav (2008)	7	\$31,709,303

Disaster Event	Number of Clients	Total Debris Contractor Costs and Monitoring Costs
Hurricane Ike (2008)	80	\$453,734,182
Hurricane Irene (2011)	19	\$15,976,122
Texas Drought and Wildfires (2011)	2	\$22,130,044
Connecticut Snowstorm (2011)	18	\$81,897,060
Hurricane Isaac (2012)	5	\$14,288,573
Hurricane Sandy (2012)	18	\$36,838,556

Experience with Dangerous Trees

Dangerous trees, otherwise known as hazardous leaners and hangers, require comprehensive field monitoring and oversight. SAIC has been at the forefront of documentation and data management of hazardous leaners and hangers. Prior to FEMA establishing documentation standards for hazardous leaners and hangers, SAIC established standard protocols to photo document and collect GPS points as supporting documentation. Consequently, over the past five years, SAIC has provided monitoring services for seven major disasters with dangerous tree program costs in excess of \$500,000. Exhibit B-7 is a summary of the disaster event, number of clients, and total debris contractor and monitoring costs.

Exhibit B-7: SAIC's 2008–2013 Experience with Dangerous Trees

Disaster Event	Number of Clients	Debris Contractor Costs and Monitoring Costs (leaners/hangers)
Hurricane Gustav (2008)	7	\$1,268,372
Hurricane Ike (2008)	80	\$31,761,393
Hurricane Irene (2011)	19	\$3,809,256
Texas Drought and Wildfires (2011)	2	\$3,722,960
Connecticut Snowstorm (2011)	18	\$17,285,225
Hurricane Isaac (2012)	5	\$1,730,779
Sioux Falls Ice Storm (2013)	1	\$1,812,011

Knowledge of FEMA Programs, Funding Sources, Reimbursement Process, and Appeals

Our understanding of FEMA and other federal reimbursement agencies' requirements for eligibility, documentation, and reimbursement helps clients receive the maximum reimbursement allowed. *SAIC is uniquely familiar with the policies, procedures, and requirements associated with providing disaster recovery services subject to FEMA reimbursement.* SAIC has successfully managed all phases of debris removal and associated reimbursement efforts.

Experience Coordinating with Federal, State, and Local Funding Sources and Reimbursement Processes

SAIC has significant experience with federal, state, and local emergency agencies and programs as well as funding sources and reimbursement procedures. We have worked closely with FEMA staff in the determination of debris eligibility, data requirements, project worksheet development, auditing of load ticket information, and reimbursement requirements. This includes providing step-by-step assistance to clients throughout the FEMA reimbursement process.

To maximize the FEMA Public Assistance (PA) Grant Program for our clients, SAIC maintains a working relationship with FEMA at the federal, PA officer, project officer, and debris specialist level. Constant communication and interface with FEMA allows SAIC to obtain quick response on disaster-specific guidance such as stump, leaning tree, and hanging limb removal; beach re-nourishment; and debris removal on private roads and property. SAIC's relationship with FEMA and their confidence in the integrity of our documentation was a contributing factor in FEMA's decision not to perform a standard field audit of work in Louisiana and Texas following the 2008 hurricane season.

Due to our experience and understanding of FEMA, our data management and document storage procedures are tailored to facilitate FEMA review of the project worksheet versions throughout the project. *Our FEMA appeals and funding specialists have worked with FEMA closeout officers to obtain millions of previously de-obligated dollars for communities in South Florida, the Florida Panhandle, and New York, Mississippi, and Texas.*

FEMA Appeals Support

SAIC has an outstanding track record of getting our clients reimbursed, with more than 200 major disaster recovery mobilizations over the past 10 years.

Given the nature and scrutiny of FEMA reimbursement, it is not unusual for a local government to have one or more PWs questioned by FEMA/Office of Inspector General (OIG) during the audit process. *SAIC retains the legal counsel of Earnest B. Abbot, whom was former legal counsel to FEMA under the Clinton Administration. Mr. Abbot is nationally recognized as one of the leading authorities on FEMA appeals.*

Following Hurricane Wilma, SAIC was retained by the South Broward Drainage District to prepare an appeal in support of \$4 million in reimbursement associated with lake erosion repairs made by the district. With our support, the South Broward Drainage District was fully reimbursed.

Our team of recovery experts is currently working with the Port of Galveston, Texas, to close out Hurricane Ike-related projects. To date, we have been able to identify and capture over \$80 million in previously unidentified or deobligated funding.

We routinely work with our clients in similar matters—oftentimes for years following an event—to support and defend their reimbursement. Furthermore, due to SAIC's in-depth knowledge of FEMA and FHWA reimbursement policies, we are often hired by applicants to assist them during FEMA/OIG audits and support them during FEMA appeals even when we have had no involvement with the applicant during the recovery period.

The following are a few examples of areas in which SAIC successfully supported the appeals effort of our clients with FEMA:

- **South Broward Drainage District.** Following Hurricane Wilma, SAIC was retained by the South Broward Drainage District to prepare an appeal in support of \$4 million in reimbursement associated with lake erosion repairs made by the District. With our support, the South Broward Drainage District was fully reimbursed.
- **Lake County, Florida.** SAIC supported the successful appeal of over \$400,000 of previously deobligated funds in response to the 2004 Hurricanes Charley, Frances, and Jeanne. These funds were associated with debris collected on private roads and gated communities. SAIC did a comprehensive geographic information system (GIS) analysis of all of the debris collected on the roads in question and was able to appeal the decision and obtain reimbursement from FEMA for these county-incurred costs.
- **Port of Galveston, Texas.** The Port of Galveston experienced extensive damage due to storm-induced erosion caused by Hurricane Ike (2008) surge that reached heights upward of 20 feet. The pier was not designed to withstand the water weight and rapid draw down of the water. As a result, the concrete sheet pile at Pier 15 was damaged and caused the fill underneath the warehouse slab to wash out, thus compromising the support of the Pier 15 warehouse floor. The floor collapsed near the most significant voids underneath the floor. FEMA deemed the damage ineligible due to subtle erosion that happened over time. The Port of Galveston, with the assistance of SAIC, submitted an appeal for eligibility and won the appeal resulting in an approval of a \$1.5 million for Pier 15. More importantly, the appeal approval has established precedence for the Port of Galveston's remaining Ike-damaged piers, enabling the Port of Galveston to apply for an additional \$60 million of eligible damage caused by Hurricane Ike previously deemed ineligible.

Relevant Project Experience

The following project profiles provide an overview of our qualifications and serve as a representative sample of SAIC's experience assisting other government entities with similar disaster recovery activities. We will provide additional project information upon request. *Per the County's request, we have provided references and contact information on the Vendor Questionnaire form located in Section A: Required Forms and Submittals.*

Disaster Debris Program Management - Hurricane Sandy New Jersey Department of Environmental Protection



In the wake of Hurricane Sandy, the New Jersey Department of Environmental Protection (NJDEP) awarded an emergency contract to SAIC to provide debris monitoring and comprehensive program management to communities affected by the storm.

Having mobilized to the state prior to Hurricane Sandy's landfall, SAIC's team of experts was in position to respond immediately. SAIC successfully managed and monitored multiple congruent projects with several state and local applicants. Currently, our team has been engaged to manage the recovery and removal of abandoned vessels in state-maintained waterways. Additionally, our team is monitoring the removal of loose debris, including hazardous waste, in many of those same waterways.

For the debris removal operations from state-maintained waterways, New Jersey was divided into three distinct regions. SAIC was tasked with monitoring the northern region.

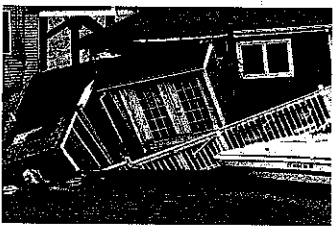
Upon deployment, the SAIC team worked closely with NJDEP and the state project manager to develop protocols and procedures in order to effectively monitor and manage the debris and vehicle and vessel removal process, while meeting FEMA eligibility requirements. Due to the technical aspects of the work and the need for an in-depth understanding of the specific parameters and guidelines, the need for a more highly trained work force primarily consisting of supervisory level personnel was presented and accepted. Having personnel on location with the debris removal crews who were able to completely understand the guidelines and make informed decisions on the spot not only increased the efficiency of the debris removal process, but ensured that only eligible debris was removed.

The use of SAIC's proprietary automated debris management system (ADMS) greatly increased the client's visibility to the day-to-day operations and provided real-time tracking of crew locations and debris quantities. By using the real-time and recording photos of ongoing operations, the need for a stop work request was nearly eliminated and decisions could be passed along to field operations for both monitors and contractors.

After efficiently monitoring the operations in the northern region, SAIC was tasked with monitoring the southern region, thus replacing the previous monitoring firm. The same methods and procedures were once again established, which resulted in a much more timely and efficient debris removal process. The southern region presented additional challenges due to the significant archeological and environmental sites that required special treatment. By the use of technology and real-time reporting, the on-site supervisors were able to locate the areas of environmental concerns as well as known archeological sites. By identifying issues in advance, SAIC was able to advise the contractor prior to issues presenting themselves, resulting in timesaving and fewer incursions upon environmental and archeological assets.

SAIC was also tasked with monitoring the sediment removal process in both regions. By relying upon our inter-company relationship and processes developed over many years of working with the United States Army Corps of Engineers (USACE), we were able to prepare plans and properly document the removal of Hurricane Sandy sediment. This process involved observing and documenting the surveys that quantified how much sediment was to be removed, verified that the sediment samples were properly taken and secured, tracked the sediment testing results, confirmed that the sediment was disposed of properly, and ultimately ensured that the proper depths were reached by aggressively tracking bucket depths and recording tidal gauges on the dredging equipment.

Disaster Management Support Services - Hurricanes Sandy and Irene, Winter Storms Nemo and Alfred State of Connecticut



The State of Connecticut has experienced an unprecedented number of federally declared disasters since fall of 2011, including two hurricanes (Irene and Sandy) and two winter storm events (Alfred and Nemo). Each event brought unique challenges and debris concerns, including flooding, hazardous waste, leaning trees, hanging limbs, snow, and ice. In every case, SAIC was called upon to consult and manage recovery

efforts for multiple communities within the same jurisdiction.

Prior to both Hurricane Irene's and Hurricane Sandy's landfall, SAIC was mobilized by the State of Connecticut to support the Interagency Debris Management Task Force (IDMTF) at the Connecticut Emergency Operations Center (CEOC). SAIC was an integral member of this task force throughout the duration of the response phases for both hurricanes, working with state and local representatives and agencies including the Connecticut Department of Transportation (CONNDOT).

Following Winter Storm Alfred, the largest debris-generating event in the state since Hurricane Gloria (1985), and Winter Storm Nemo, SAIC mobilized to the state within hours and began working and coordinating with state, CONNDOT, and in the case of Winter Storm Alfred, local officials to coordinate debris removal, reduction, and monitoring activities.

In total, SAIC oversaw the intake, validation, and resolution of numerous requests for assistance from 28 towns and several state facilities during our statewide responses. Because of the complexities and volume of service requests to the State of Connecticut, SAIC helped certify trucks for several different debris projects. The statewide debris totals from these four events monitored by SAIC are in excess of 1.8 million CYs of vegetative debris removal, over 80,000 dangerous hanging limbs, nearly 11,000 dangerous leaning trees, and dozens of barrels of hazardous waste.

Disaster Debris Program Management – Hurricane Isaac St. John the Baptist Parish, Louisiana



On August 28, 2012, the 7-year anniversary of Hurricane Katrina making landfall in Louisiana, St. John the Baptist Parish was more adversely affected by the prolonged wind and rain that accompanied Hurricane Isaac than any other parish in Louisiana.

As a result of the slow-moving Category 1 storm, 59,000 homes were damaged statewide with some of the most severe damage in St. John the Baptist Parish.

Floodwaters from Lake Pontchartrain surged underneath Interstate 10 and flooded the Parish's north and east sides, causing widespread road closures, which greatly limited access to the Parish. Nearly 95 percent of St. John the Baptist Parish's power was lost and 7,000 damaged homes were left completely underwater.

In the days prior to landfall, SAIC's senior management team began mobilizing to the area and was in coordination with St. John the Baptist Parish to establish an immediate response plan, identify reporting needs, and establish temporary debris storage and reduction sites (TDSRS). Within two hours of a notice to proceed, SAIC had established office space within St. John the Baptist Parish and begun recruiting, hiring, and training qualified monitors. SAIC proudly kept our promise to the Parish administration and council members to only hire St. John the Baptist Parish residents during our activation. Within days, SAIC hired and trained 103 previously unemployed, qualified residents to monitor debris removal activities.

Operationally, SAIC worked with St. John the Baptist Parish officials and the Parish's debris hauler to establish protocols for right-of-way (ROW) and hazardous waste debris removal; identify, permit, and open TDSRS; schedule daily debris removal; and provide accurate daily reports. In addition, SAIC

worked closely with representatives from FEMA to develop a disaster-specific strategy to collect the overwhelming amounts of construction and demolition debris from private property that was a result of the storm. Finally, SAIC's successful use of our proprietary ADMS allowed us to document the debris removal as accurately and cost effectively as possible.

SECTION C

Qualifications of the Staff

Science Applications International Corporation's (SAIC) ability to serve our clients begins and ends with our seasoned disaster recovery professionals. Our team includes experienced emergency managers, disaster preparedness specialists, engineers, surveyors, and hazardous waste technicians who possess hands-on experience in recent disasters and emergencies as well as prevention, mitigation, preparedness, response, and recovery programs. *SAIC is committed to providing Broward County with a dedicated project management team that will treat our engagement with the County as if it is the firm's only engagement.*

Since 2008, SAIC has assisted and provided Broward County with disposal site surveys, yearly coordination meetings, and reviews of the County's debris management center plan, and has provided customized training sessions to other divisions in Broward County.

Our senior-level staff includes Mr. Jonathan Burgiel, Mr. Ralph Natale, Mr. Jeff Dickerson, Mr. Dick Hainje, and Mr. John Buri, who are all subject matter experts and have administered large-scale disaster recovery projects on behalf of the firm. *These individuals are prepared to dedicate themselves to the County's needs throughout the year, not just during times of activation.*

Jonathan Burgiel | Vice President of SAIC's BDR Division

- Over 28 years of experience in solid waste and disaster recovery
- Served as principal in charge for more than 30 projects, helping clients across the country prepare for, respond to, and recover from hurricanes, floods, tornadoes, snow and ice storms, and other disasters
- Assembled and deployed a full disaster recovery team to assist Miami-Dade County with removal of approximately 5.5 CYs of debris following Hurricanes Katrina and Wilma

Ralph Natale | Director of Response and Recovery Operations

- Served as principal in charge for more than 15 projects, and managed the removal of over 10 million CYs of debris and 350,000 hazardous trees totaling over \$300 million in costs that were submitted for federal reimbursement
- Served as a program manager on some of the country's largest debris-generating disasters, including Hurricanes Katrina, Ike, and most recently, Sandy
- Has provided debris consulting and management oversight for New Jersey Department of Environmental Protection; City of Houston, TX (Hurricane Ike); State of Connecticut; City of New Orleans, LA (Katrina Demolitions)
- Served as a debris specialist and grant consultant for the State of Connecticut Emergency Operations Debris Task Force during the recovery operations following Hurricane Irene and Winter Storm Alfred, which included the State agencies and 16 local towns and cities

Jeff Dickerson | Senior Resource/IT Director

- More than 20 years of experience in program management and information technology with extensive experience in data management, geographic information system (GIS) mapping, and database administration
- Principal system architect for SAIC's RecoveryTrac™ Automated Debris Management System (ADMS), which integrates GIS-based tracking and reporting
- Participated in numerous major disaster deployments from 2005 through 2012, including Santa Rosa County, FL (Hurricane Dennis); Houston, TX (Hurricane Ike); Virginia Beach, VA (Hurricane Irene); and State of New Jersey (Hurricane Sandy)

Dick Hainje | Senior Federal Emergency Management Agency (FEMA) Consultant

- Regional administrator of FEMA Region VII for 8 years (2001–2009), where he led the region through 40 presidentially declared disasters
- Director of operations for Hurricane Charley, which struck Florida in 2004, where he was responsible for the entire Florida operations division and served as director of emergency housing
- Serves as senior advisor of state and local programs and has extensive experience working with senior first responders as well as local, state, and federal elected officials during times of crisis, which has included providing full briefings to the president of the United States five times
- Led 2,000 emergency management employees deployed to catastrophic disasters in Florida, Mississippi, Missouri, Iowa, Nebraska, and Kansas
- Former state senator of South Dakota and deputy fire chief of Sioux Falls, SD

John Buri | Director of Client Services

- Nine years of disaster consulting experience
- Primary focus is in disaster recovery, specifically disaster management, FEMA Public Assistance (PA), Community Development Block Grant (CDBG) Disaster Recovery (DR) Program, and Hazard Mitigation Grant Program (HMGP)
- Senior manager during SAIC's short-term and long-term recovery operations following Hurricanes Dolly, Ike, Gustav, Irene, Alex, Isaac, and Hurricane Sandy
- Spearheaded the Federal Highway Administration- Emergency Relief (FHWA-ER) effort following Hurricane Ike
- Was the principal on the financial recovery operations for Galveston County, TX following Hurricane Ike, obtaining \$102 million HMGP funds and \$31 million in Severe Repetitive Loss (SRL) funds for the community

Teaming Partners and Local Presence

Our largest activation in South Florida was in 2005 following Hurricane Wilma, where we monitored the collection and removal of almost 9 million CYs of debris, with over 4 million CYs from several municipalities within Broward County. *Since 2008, SAIC has held Broward County's contract for disaster debris monitoring.* Our teaming partner, Nova Consulting, Inc. (Nova), has been working with SAIC throughout the duration of the debris monitoring contract and has been involved in every project and task that SAIC has completed for Broward County. SAIC has assisted and provided Broward County with disposal site surveys, yearly coordination meetings, and reviews of the County's debris management center plan, and has provided customized training sessions for other divisions in Broward County.

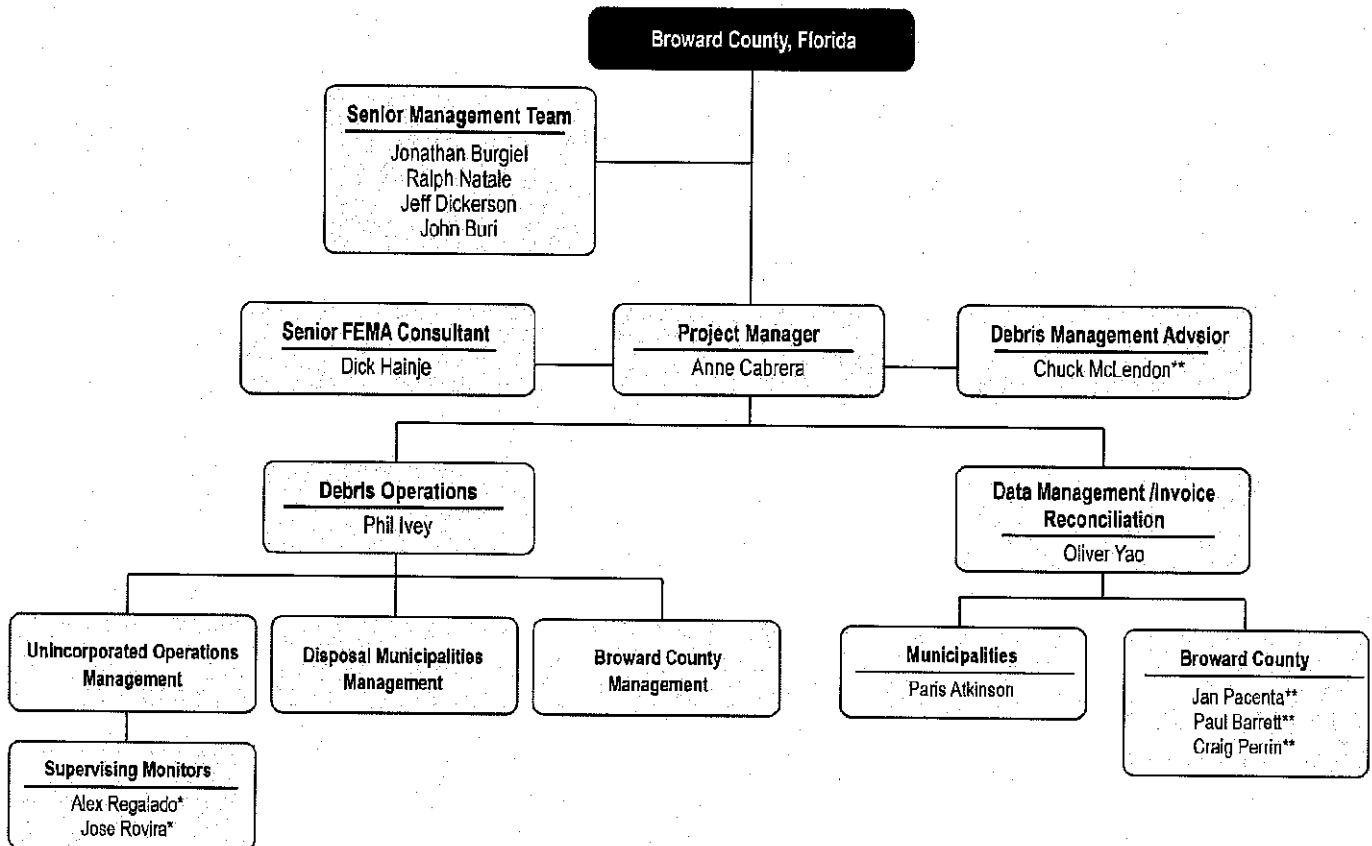
Due to Nova's office location in the City of Fort Lauderdale and SAIC's office in Miami, the SAIC team has extensive knowledge of Broward County and is very familiar with the County's stakeholders, community, neighborhoods, and geography. As a result, our team understands and can anticipate the County's post-disaster recovery concerns. In addition, SAIC's proposed project manager, Ms. Anne Cabrera, is a resident of Broward County. Having our project manager located in the City of Fort Lauderdale will allow us to be available to the County within minutes, if needed. With SAIC's local representation, SAIC's entire team will have a keen insight into any challenges or protocols unique to Broward County.

We also bring teaming partner Brown, Thornton, Pacenta, and Company, P.A. (BTP) to help make up our financial management team for Broward County. BTP is a certified public accounting firm and has provided disaster support services for recovery efforts to numerous communities within South Florida following Hurricanes Ivan, Dennis, Katrina, and Wilma. *Following Hurricane Katrina, BTP completed all of the data entry and invoice reconciliation for the Cities of Plantation, Hollywood, Fort Lauderdale, and Boca Raton.* BTP also provided invoice reconciliation for the Counties of Miami-Dade and Monroe;

in addition to the Cities of Plantation, Hollywood, Fort Lauderdale, Cooper City, Pembroke Pines, Boca Raton, Naples, and Miramar following Hurricane Wilma

Exhibit C-1 shows SAIC's proposed organizational chart. Exhibit C-2 summarizes our project management team's experience. *Résumés have been included at the end of this section.*

Exhibit C-1: Organizational Chart



Nova Consulting, Inc.
engineering & environmental services
*denotes Nova employees

**BROWN
THORNTON • PACENTA
& Company, P.A.**
Certified Public Accountants
Business & Financial Consultants
**denotes BTP employees

SAIC

Exhibit C-2: Summary of Staff Qualifications – Project Management Team

Anne Cabrera | SAIC | Project Manager

- Actively involved in reimbursement issues with numerous clients since 2005
- Works closely with Florida Division of Emergency Management (FDEM) and FEMA staff on South Florida reimbursement and closeout work
- Managed for more than \$1.5 billion in FEMA reimbursement
- Familiar with reimbursement protocols for all categories of FEMA work (A-G)
- Conducted the Broward County Disposal Site Survey and has provided training workshops to divisions within Broward County

Chuck McLendon | Brown Thornton Pacenta & Company, Inc. | Debris Management Advisor

- Subject matter expert with over 20 years of experience specializing in solid waste and hazardous waste management, program management, disaster recovery, mitigation, and reconstruction
- Oversaw projects ranging from the largest utility system acquisitions in the state of Florida to managing the short- and long-term recovery efforts of numerous communities that have been affected by catastrophic natural disasters
- Recognized expert in disaster recovery efforts and the associated grant programs utilized to reimburse local governments
- Assisted Escambia County, FL to collect and process more than 6 million CYs of vegetative debris, 1.5 million CYs of construction and demolition debris, and 1.5 million CYs of sand following Hurricane Ivan
- Served as principal in charge for City of Boca Raton, FL (Hurricane Frances); City of Orlando, FL (Hurricanes Charley and Frances); City of Pensacola, FL (Hurricane Ivan); and Santa Rosa County, FL (Hurricane Dennis) with their debris monitoring management services
- Authored numerous debris management plans including Broward County, FL, Escambia County, FL, and Seminole County, FL
- Authored numerous solid waste management plans including assessments of construction and demolition disposal and recycling required by statute for the Florida Department of Environmental Protection

Phil Ivey | SAIC | Debris Operations Manager

- Oversaw recovery operations on some of the country's largest debris-generating disasters, including Hurricanes Katrina, Wilma, Dennis, and Ivan; and the Groundhog Day tornadoes that swept through Central Florida in February 2007
- Served as project manager for St. John the Baptist Parish, LA (Hurricane Isaac); Hidalgo County, Texas (Hurricane Ike); City of Naples, FL (Hurricane Wilma); and Volusia County (Groundhog Day Tornadoes)
- Coordinated with the Natural Resources Conservation Service (NRCS) and Collier County following Hurricane Wilma to manage the environmentally sensitive debris removal operation which included the preservation of the embankments, the protection of endangered species (mangroves), and the restoration of the natural flow of water
- Operations Manager for the City of Pensacola following Hurricane Ivan, including the proper collection and disposal of over 1.3 million CYs of debris

Alex Regalado | Nova Consulting, Inc. | Supervising Monitor

- Over 10 years of experience in field inspection and construction management
- Field inspection experience includes management and oversight of construction activities for various transportation projects throughout Miami-Dade County
- Extensive experience in project coordination, review of contractor's request for information (RFI), quality assurance, and quality control (QA/QC) implementation, as well as environmental oversight management
- Served as field inspector for Miami-Dade Public Works Department's disaster recovery program following Hurricane Wilma
- Served as field inspector for the Broward County Aviation Department in the Ft. Lauderdale-Hollywood International Airport, where he was responsible for providing construction management services, field inspection, project coordination, QA/QC, and construction schedule updates and reviews

Jose Rovira | Nova Consulting, Inc. | Supervising Monitor

- Over five years of experience in the fields of engineering, construction administration and inspection services
- Field inspection experience includes oversight of construction activities during the installation of drainage, water distribution and sewer collection systems, and on-site inspections of asset class structures, including roadway and railroad bridges
- Engineering background and training includes sidewalk construction and repairs, curbs construction, drainage structures, water and sewer pipelines, and underground utilities
- Has completed numerous engineering and construction projects for the Miami International Airport, Miami Intermodal Center, Miami-Dade Expressway Authority, Miami-Dade Public Works Department, and Florida Department of Transportation District VI

Oliver Yao | SAIC | Senior Data Manager

- Over seven years of experience in disaster recovery and emergency management planning
- Served as principal in charge for all data management operations during Hurricanes Gustav and Ike and served as regional operations manager for Hurricanes Isaac and Sandy
- Provided direct oversight of data management operations for more than \$2 billion in state and federal reimbursement
- Authored numerous debris management plans, including City of Pensacola, FL, City of Daytona Beach, FL, and the City of Winter Springs, FL
- Assisted the following cities with FEMA appeals for Hurricanes Frances, Charley, Jeanne, and Wilma: City of Winter Springs, FL; City of Port St. Lucie, FL; City of Cape Coral, FL; City of Hollywood, FL; and City of Lake Mary, FL

Paris Atkinson | SAIC | Data Manager

- Currently serving as data manager for the state of New Jersey following Hurricane Sandy, where she is providing photo management, monitoring document compliance, invoice reconciliation, and document leaner and hanger removals
- Served as data manager for numerous communities in the state of Connecticut following Hurricane Sandy
- Served as data manager following Hurricane Isaac for St. John the Baptist Parish, LA; Jefferson Parish, LA; and the City of New Orleans, LA.
- Worked with Clay County, FL after Tropical Storm Debby, where she was responsible for data entry, tabulation, and organization of collection and disposal data
- Assisted Lake County, FL with their FEMA Compliant Disaster Debris Management Plan in August 2012

Jan Pacenta | Brown Thornton Pacenta & Company, Inc. | Data Manager

- Certified Public Accountant (CPA) for 28 years
- Nine years of experience with FEMA disaster recovery operations
- Assisted numerous communities following Hurricanes Ivan, Dennis, Katrina, Rita, Wilma, and Ike
- Served as principal in charge for all invoice reconciliation completed during Hurricanes Katrina and Wilma for South Florida, including Broward County
- Served as principal in charge for all invoice reconciliation completed for Monroe County, FL following Hurricanes Dennis, Katrina, and Wilma
- Served as CPA for Greene County, MO (2007 Ice Storm); State of New York (2006 Ice Storm); and the State of Connecticut (Winter Storm Alfred)

Paul Barrett | Brown Thornton Pacenta & Company, Inc. | Billing/Invoice Analyst

- CPA for 15 years
- Eight years of experience with invoice reconciliation, project reconciliation, and hurricane data analysis work
- Provided FEMA audit support for Hurricanes Ivan, Dennis, Katrina, Rita, Wilma, and Ike and Winter Storm Alfred for the State of Connecticut
- Completed invoicing reconciliation and FEMA allocations for Monroe County, FL following Hurricane Wilma
- Assisted Miami-Dade County, FL following Hurricane Wilma with financial consulting and reconciliation

Craig Perrin | Brown Thornton Pacenta & Company, Inc. | Billing/Invoice Analyst

- Senior accountant with eight years of experiences involving FEMA disaster recovery operations
- Specializes in access databases, queries, and reports
- Provided database and invoice reconciliation and following Hurricanes Ivan, Dennis, Katrina, Rita, and Ike
- Provided database and invoice reconciliation and following Hurricane Wilma to numerous South Florida municipalities
- Served as senior accountant for the City of Buffalo, NY following the 2006 Ice Storm and the State of Connecticut following Winter Storm Alfred

Tommy Alter | SAIC | GIS Analyst

- Significant experience applying geospatial analysis and GIS tools for disaster recovery applications, including damage assessments, disaster debris management plans, data analysis, debris estimation models based on canopy density, and zone map development
- Experienced in creating realistic 3D maps using LIDAR (elevation) imagery
- Produced standard operating procedures and training documentation for junior staff
- Provided front-end coding and graphics design for multiple corporate clients

Amy Sands | SAIC | Environmental Specialist

- Over eight years of experience preparing National Environmental Policy Act (NEPA) documentation
- Part of SAIC's Gulf Coast Office's NEPA Team
- Certified in USACE 1987 Manual, Interim Regional Supplement, and Florida Statewide Wetland Delineation
- Prepared environmental assessments (EA), environmental impact statements, records of environmental consideration, environmental baseline surveys, environmental baseline documents, and master planning and real estate environmental documentation
- Experience developing flexible mission alternatives and mitigation strategies that satisfy regulatory and environmental permitting requirements and comply with NEPA

Current Capacity

SAIC has an outstanding reputation for completing projects on time and within budget. It is our practice to review our projected workload and assess the firm's staffing requirements on a continuous basis. SAIC has carefully reviewed the scope of services and is aware of the importance of committing the necessary resources to carrying out the tasks associated with this project. We are committed to providing a consistent and coordinated team to perform this important work for Broward County. SAIC further recognizes that any staff substitution will require the prior approval by Broward County.

While the proposed project team described herein will serve as the core project team, we recognize that certain requests will benefit from SAIC reaching into its pool of leading talent located across the country. The breadth and depth of our resources ensures that the SAIC team has the capability and capacity to successfully complete the proposed project on schedule and in the most efficient way possible.



Résumés

SAIC®

Jonathan Burgiel

Vice President, Preparedness, Response & Recovery and Financial Recovery Services

Mr. Burgiel is the vice president of Science Applications International Corporation's (SAIC) BDR Division. In this capacity, he manages the business operations of all disaster recovery efforts, including preparedness planning, project staffing, logistics, grant administration and agency reimbursement support, program accounting/auditing oversight, and contract negotiations. Mr. Burgiel is dedicated to helping communities plan for and recover from disasters and provide the necessary documentation to receive the maximum allowable reimbursement from federal and state emergency management agencies.

Mr. Burgiel has 28 years of solid waste and disaster recovery experience. His disaster-related work has included serving as principal in charge of over 30 projects, helping clients throughout the country prepare for, respond to, and recover from natural and human-caused disasters.

Mr. Burgiel is intimately familiar with local, state, and federal solid waste and hazardous waste regulations, as well as U.S. Department of Housing and Urban Development (HUD), Federal Emergency Management Agency (FEMA), and Federal Highway Administration (FHWA) policies and reimbursement procedures as they relate to disaster management and recovery.

Featured Selected Professional Experience

Senior Management Project Oversight

Mr. Burgiel provided senior management oversight to the following projects:

- New Jersey Department of Environmental Protection (NJDEP), Hurricane Sandy Disaster Vessel Recovery Program
- State of Connecticut, Hurricane Sandy Disaster Debris Program
- City of New Orleans, St. John the Baptist Parish, Jefferson Parish, Louisiana, Hurricane Isaac Disaster Debris Program Management
- City of New Orleans, Louisiana, Hurricane Katrina Demolitions
- Bastrop County, Texas, 2011 Texas Wildfires
- City of Cedar Rapids, Iowa, Severe Flooding

Education

University of Central Florida
Master of Business
Administration, 1989

Tufts University
Bachelor of Arts,
Economics, 1984

Key Expertise

- Solid and Hazardous Waste Management
- Disaster Recovery Program Management
- Federal Grant Management

Disasters

- 4087 Hurricane Sandy
- 4084 Hurricane Isaac
- 4029 TX Wildfires
- 4024 Hurricane Irene
- 4106 CT Winter Storm
- 1791 Hurricane Ike
- 1786 Hurricane Gustav
- 1780 Hurricane Dolly
- 1679 FL Tornadoes
- 1606 Hurricane Rita
- 1609 Hurricane Wilma
- 1602 Hurricane Katrina
- 1595 Hurricane Dennis
- 1561 Hurricane Jeanne
- 1551 Hurricane Ivan
- 1545 Hurricane Frances
- 1539 Hurricane Charley

SAIC®

Senior Management

Miami-Dade County, Florida | Hurricanes Katrina and Wilma Disaster Recovery and Debris Management
After Hurricanes Katrina and Wilma struck Miami-Dade County, the firm provided immediate on-site assistance and a wide range of disaster recovery management and storm debris cleanup monitoring services to help Miami-Dade County make a quick recovery. Under Mr. Burgiel's direction, the firm assembled and deployed a full disaster recovery team to assist Miami-Dade County with removal of approximately 5.5 million cubic yards of debris. Mr. Burgiel oversaw the data management process and assisted Miami-Dade County with FEMA project worksheets and appeals.

Senior Management

City of Boca Raton, Florida | Disaster Recovery and Debris Cleanup Management
Following Hurricane Frances, Mr. Burgiel supervised the responsive deployment of support teams, assisted with staging operations, and managed scheduling, dispatching, and logistics operations for the field inspectors assigned to storm debris cleanup.

Senior Management

City of Orlando, Florida | Hurricanes Charley, Frances, and Jeanne Disaster Debris Program Management
Mr. Burgiel served in a senior leadership role and assisted the City of Orlando with a range of storm recovery monitoring and management activities. Mr. Burgiel was responsible for managing a full support team involved with staging operations, load inspections for storm debris cleanup performed by contract haulers, scheduling, dispatching, and logistics operations for the field inspectors assigned to storm debris cleanup. The firm's assistance enabled the City of Orlando to promptly apply for and receive reimbursement for the total cleanup cost from state and federal emergency management agencies.

Senior Management

City of Pensacola, Florida | Hurricane Ivan Disaster Debris Program Management
Mr. Burgiel provided assistance to the City of Pensacola in performing a range of storm debris removal monitoring and management activities for this \$30 million debris removal process. Mr. Burgiel supervised debris removal efforts, including permitting of debris processing sites, collection and disposal site monitoring as required by FEMA, review and approval of contractor invoices, and the preparation of project worksheets required by FEMA for federal funding.

Senior Management

Volusia County, Florida | Groundhog Day Tornado Disaster Recovery and Storm Debris Removal
The firm was retained by Volusia to assist with monitoring of cleanup efforts following the Groundhog Day tornadoes that swept through Central Florida during the early morning hours, leaving 20 people dead and many others injured and without homes. Under Mr. Burgiel's direction, the firm mobilized a response team to the area to help identify critical debris removal areas and initiate its ROW debris removal operation. Mr. Burgiel oversaw the management of a full support team involved with staging operations, load inspections for storm debris cleanup, and logistics operations for the field inspectors.

Senior Management

Polk County, Florida | Hurricane Charley Program Management and Disposal Site Monitoring Assistance

In the weeks following Hurricane Charley, Mr. Burgiel assisted Polk County with planning and managing disposal site monitoring activities. He was responsible for overseeing disposal site monitors, as well as spotters at Polk County's northeast, north central, and southeast landfills. Mr. Burgiel managed documentation efforts to help Polk County promptly apply for and receive reimbursement for the total cleanup cost from state and federal emergency management agencies.

Senior Management

Lake County, Florida | Hurricanes Charley and Frances Disaster Recovery and Debris Management

Following Hurricanes Charley and Frances, Mr. Burgiel helped Lake County perform a range of storm debris cleanup monitoring and management activities. He supervised staging operations, load inspections for storm debris cleanup performed by contract haulers, scheduling, dispatching, and logistics operations for the field inspectors assigned to storm debris cleanup.

Senior Management

State of Vermont | Federal Grant Management Services

Following Hurricane Irene, the State of Vermont faced the daunting task of maintaining critical operations. Under Mr. Burgiel's direction, within 48 hours SAIC deployed a team of experts to the state emergency operations center (EOC). Mr. Burgiel and SAIC's grant management team are providing consulting services and managing the recovery process. Our team has begun collecting, reviewing, and offering technical assistance to applicants on their Hazard Mitigation Grant Program (HMGP) applications.

Senior Management

Harris County, Texas | Hurricane Ike Disaster Debris Program Management

In 2008, Hurricane Ike made landfall in Texas, causing extensive damage to Harris County, the fourth largest county in the United States. Mr. Burgiel rode out the storm in Harris County's EOC and assisted with the deployment of SAIC's response team following the storm. SAIC assisted with monitoring and cost reimbursement for over 2.5 million cubic yards of debris from the public right-of-way (ROW) in response to Hurricane Ike.

Ralph A Natale

Principal in Charge / Project Management / Grant Management

Mr. Natale is the Director of Operations for the Response and Recovery Practice of Science Applications International Corporation. Mr. Natale leads our team of project managers by providing daily project support, project oversight, guidance on health and safety, reimbursement policies, and fraud prevention protocols. He also maintains project financials.

Mr. Natale has focused his efforts on developing and improving SAIC's program management processes. These processes ensure the most efficient methods of managing debris removal programs to maximize federal reimbursement via the Federal Emergency Management Agency (FEMA) 322, 325, and 327 guidelines.

Mr. Natale has served as a principal in charge, program manager, data manager, and operations manager on some of the country's largest debris-generating disasters, including Hurricane Katrina, Ike and most recently Sandy. This includes managing the removal of over 10 million cubic yards (CYs) of debris and 350,000 hazardous trees totaling over \$300 million in costs that were submitted for federal reimbursement.

Additionally, Mr. Natale served as a debris specialist and grant consultant for the State of Connecticut Emergency Operations Debris Task Force during the recovery operations following Hurricane Irene and Winter Storm Alfred. This included over four million CYs of debris collected throughout the state. He also conducted daily briefings and provided guidance to all state agencies and local towns as requested.

Featured Professional Experience

Project Manager (January 2013- Ongoing)

New Jersey Department of Environmental Protection | Hurricane Sandy Disaster Vessel Recovery and Waterway Debris Removal Program

Mr. Natale serves as the principal in charge for the New Jersey Department of Environmental Protection (NJDEP) statewide vessel recovery project, and for debris removal from state maintained waterways in the northern and southern part of the state. Mr. Natale developed and implemented many of the protocols and procedures to effectively manage the debris removal process. This has included the implementation of SAIC's proprietary ADMS technology, which has increased NJDEP's visibility to the day-to-day operations and provided real-time reporting of debris quantities. Due to Mr. Natale's excellent

Education

New Jersey Institute of Technology
Bachelor of Science,
Chemical Engineering (*In Progress*)

Key Expertise

- Disaster Debris Removal Reimbursement
- Grant Management
- Collection/Disposal Program Management
- Private Property Right-of-Way Debris Removal Monitoring

Grant Experience

- FEMA Public Assistance (PA) Grant Program
- NRCS
- FHWA

Training and Certifications

- HSEEP-Certified
- OSHA Asbestos Health and Safety
- IS-30: Mitigation Grants System
- IS-100, 200, and 700: ICS and NIMS
- IS-630: Introduction to the PA Process
- IS-631: PA Operations
- IS-632: Debris Operations
- Occupational Safety and Health Administration (OSHA) 40-Hour Asbestos Training

The logo for Science Applications International Corporation (SAIC), featuring the letters "SAIC" in a bold, italicized, sans-serif font, with a registered trademark symbol (®) to the upper right.

project management, NJDEP then tasked SAIC with monitoring the sediment removal process in the northern and southern region.

Principal in Charge (October 2012- Ongoing)

State of Connecticut | Department of Transportation, State of Connecticut IDMTF (debris task force), 12 separate towns in Connecticut and New Jersey

Mr. Natale oversaw a statewide operation that cleared and collected debris from hazardous trees and flooded homes through an impacted region following the storm's path. Mr. Natale ensured SAIC senior project managers and project managers were complying with the practices and standard operating procedures that help maintain full eligibility with FEMA guidance and result in project efficiency.

Principal in Charge (August 2012-Ongoing)

City of New Orleans, Jefferson Parish, and St John the Baptist Parish, Louisiana | Hurricane Isaac Response

Mr. Natale oversaw a statewide operation that cleared and collected debris from hazardous trees and flooded homes through an impacted region following the storm's path nearly 500,000 cubic yards of vegetative debris was collected and 200,000 cubic yards of Construction and Demolition materials were disposed of.

Principal in Charge (October 2011–March 2012)

Multiple Connecticut State-Level Agencies | Halloween Nor'easter/Winter Storm Alfred Disaster Recovery

Mr. Natale oversaw all projects for the State of Connecticut operations during Winter Storm Alfred, including the Department of Energy and Environmental Protection (DEEP) and the Connecticut Department of Transportation, where he worked closely with FHWA, FEMA, and state representatives to develop a program that maximized reimbursement.

Principal in Charge (August 2011-September 2011)

Multiple Connecticut State-Level Agencies | Hurricane Irene Response

Mr. Natale oversaw a statewide operation that pushed downed trees from blocked roads and allowed access to critical state infrastructure. This was coordinated through the State of Connecticut Emergency Operations Center (EOC) and the State of Connecticut Emergency Operations Debris Task Force. Mr. Natale also assisted DEEP in removing hazards from state parks.

Principal in Charge (October 2011–Ongoing)

City of Houston, Texas | Hurricane Ike Standing Dead Tree Removal Program

Mr. Natale worked with the City of Houston to use their standby debris contract to help remove over 20,000 dead trees throughout the city. This plan helped the City of Houston to maximize the allocated \$4.5 million citywide. This was important because this was not a FEMA-declared event. Along with contract administration, SAIC has been tasked with coordinating the surveying, cutting, and disposal of 248 zones over 16,500 center lane miles.

Principal in Charge (February 2010-November 2011)

Terrebonne Parish, Louisiana | Hurricane Ike Residential Demolition Program

Mr. Natale provided project financial oversight for the project. He also ensured that the project complied with FEMA regulations.

Project Manager (September 2008 – September 2011)

City of Houston, Texas | Hurricane Ike Disaster Debris Program Management

Mr. Natale managed the firm's largest hazardous tree removal program for the City of Houston. The program involved removing over 214,000 hazardous trees accompanied by 630,000 photographs to document eligibility.

Grant Administrator/Data Manager (May 2009 – July 2010)

City of Houston, Texas | Hurricane Ike Grant Administration Services

Mr. Natale worked closely with the City of Houston Solid Waste and Finance Department to reconcile and provide detailed information of over \$110 million in invoices and over \$3 million in FHWA funds. Mr. Natale also helped reconcile and submit over \$9 million in force account labor.

Grant Administrator/Data Manager (January 2010–July 2010)

City of Austin, Texas | Texas Department of Transportation Training Program

Mr. Natale developed a training program for the Texas Department of Transportation to be implemented statewide and educate applicants on the FHWA Emergency Relief (ER) Program.

Senior Management Project Oversight

Mr. Natale is serving or has served as the principal in charge of the following projects:

- Demolitions, City of New Orleans, Louisiana
- Wildfires, Bastrop County, Texas
- Severe Flooding, City of Cedar Rapids, Iowa

Project/Operations Management

Mr. Natale has also served as a project manager or operations manager on the following projects:

- Hurricane Gustav, City of Central, Louisiana, 2008
- Hurricane Dolly, Hidalgo County, Texas, 2008
- Winter Storms, Town of North Tonawanda, New York, 2007
- Hurricane Wilma, Collier County, Florida, 2006
- Hurricane Wilma, Naples Airport, 2005
- Hurricane Wilma, City of Naples, Florida, 2005

FEMA/FHWA Auditing

Mr. Natale has served as a grant administrator/data manager on the following projects, which involved working closely with municipalities on FEMA/FHWA audits:

- Hurricane Wilma, Miami-Dade County, Florida, 2005
- Hurricane Wilma, City of Hollywood, Florida
- Hurricane Wilma, New Port Richie, Florida
- New York Winter Storms, Town of North Tonawanda, New York, 2007

Jeffrey Dickerson

Operations Support/GIS Technology/Logistics

Mr. Dickerson has more than 20 years of experience in program management, with extensive experience in organizational development and training and readiness exercises. He is a 20+ year military veteran with skills in leadership, training, and personnel development. As the director of logistics and application systems, Mr. Dickerson is responsible for the planning, deployment, and support of emergency response operations for the firm.

Previously, as a director of information technology (IT) for Science Applications International Corporation (SAIC), Mr. Dickerson led a team of 18 professionals responsible for the operation and management of the corporate network with a multimillion dollar budget. Mr. Dickerson led the analysis, design, installation, and testing of numerous computer networks. Additionally, he managed complex projects involving installation, testing, and repair of power generation equipment and nuclear power plant control and instrumentation.

Mr. Dickerson is intimately familiar with disaster response field and data operations. Mr. Dickerson has led deployment and logistics efforts for some the firm's largest debris monitoring efforts, including projects in Houston, Texas; Miami-Dade County, Florida; and the States of Connecticut, Virginia and North Carolina. During Hurricane Wilma, Mr. Dickerson was responsible for the setup and management of a disaster area data center supporting all data management activities associated with the debris collection effort. He coordinated the operation of a round-the-clock data processing center with over 90 personnel. He provided technical support for a debris management database to track the over 1,000 trucks and documentation for over 5 million cubic yards of debris brought to the client's debris management site (DMS).

Most recently, Mr. Dickerson led the development of SAIC's proprietary automated debris management system (ADMS). ADMS is a powerful suite of applications and mobile tools designed to simplify the collection of field documentation and increase the overall efficiency of monitoring debris removal efforts. The ADMS also integrates geographic information system (GIS)-based tracking and reporting.

Education

Thomas Edison University
Associate of Science,
Nuclear Engineering
Technology, 1997

Key Expertise

- GIS Technology
- Resource Deployment and Tracking
- Readiness Training and Exercises
- Disaster Operations Support
- 20+ Years Military Experience

Disasters

- 4087 Hurricane Sandy
- 4084 Hurricane Isaac
- 4029 TX Wildfires
- 4024 Hurricane Irene
- 4106 CT Winter Storm
- 1791 Hurricane Ike
- 1609 Hurricane Wilma
- 1551 Hurricane Ivan

Training and Certifications

- FEMA IS-632, IS-700, IS-922
- MCDBA, Microsoft Certified Database Administrator
- MCSE, Microsoft Certified Network Engineer
- MCT, Microsoft Certified Trainer

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Featured Professional Experience

ADMS Application Manager (September 2011 - Present)

City of Houston, Texas | Texas Drought & Wildfires Debris Removal Monitoring

Mr. Dickerson is assisting the City of Houston in the removal of thousands of trees following a severe drought. His responsibilities include the deployment, support, and staff training of the ADMS mobile system and development of custom mapping and reports.

ADMS Application Manager (August 2012 - April 2013)

Hurricane Isaac Disaster Debris Program Management | St. John the Baptist Parish, Louisiana

Mr. Dickerson managed the logistics and deployment of ADMS technology, including over 120 handheld units used by the Parish to expedite the recovery process.

Logistics and Network Operations Manager (October 2011 - March 2012)

State of Connecticut | Connecticut Winter Storm

Following a severe winter storm, Mr. Dickerson managed the logistics and network infrastructure to support the project work for over 11 state, county, and local clients. His responsibilities included coordinating logistics activities and supporting and developing custom data and mapping applications.

Logistics and Network Operations Manager (August 2011 - June 2012)

States of Virginia and North Carolina | Hurricane Irene Debris Removal Monitoring

Following Hurricane Irene, Mr. Dickerson managed the logistics and network infrastructure to support the project work for over 15 state, county, and local clients. His responsibilities included ensuring the availability of application and communication systems to support disaster operations. Logistical responsibilities included arranging travel, accommodations, equipment, and supplies needed to support field operations.

Data Operations Manager (September 2008 - September 2011)

City of Houston and Harrison County, Texas | Hurricane Ike Debris Removal Monitoring

Following Hurricane Ike, Mr. Dickerson provided IT and logistics support to the City of Houston and Harrison County. His responsibilities included IT site support, system setup, end user training, equipment rentals, and supply distribution.

Data Operations Manager (August 2005 - October 2006)

Miami-Dade County, Florida | Disaster Operations Support

Mr. Dickerson was responsible for the setup and management of a 90-person data center. Mr. Dickerson provided database technical support to successfully track the documentation for over five million cubic yards of debris.

Data Operations Manager (September 2004 - October 2007)

Escambia County, Florida | Disaster Debris Monitoring

Mr. Dickerson provided quality control and fraud prevention support during Escambia County's debris removal operations. Mr. Dickerson performed volumetric truck certification, DMS quality control monitoring, and roving collection monitor supervision.

Richard Hainje

FEMA Reimbursement Specialist / Senior Advisor / Operations Support

As former regional administrator of Federal Emergency Management Agency (FEMA) Region VII for eight years, Mr. Hainje was responsible for the preparedness, response, recovery, and mitigation of all disasters in Kansas, Iowa, Nebraska, and Missouri, and led the region through over 40 presidentially declared disasters. Over the last 10 years, Mr. Hainje has supervised major emergency operations in Connecticut, Florida, Mississippi, Missouri, Iowa, Nebraska, and Kansas.

Mr. Hainje serves as senior advisor of state and local programs. He has extensive experience working with senior first responders as well as local, state, and federal elected officials during times of crisis. This has included providing full briefings to the president of the United States five times at the scene of major disaster operations, most recently in Cedar Rapids, Iowa, following the heavy flooding in the area.

Mr. Hainje was responsible for creating a long-term community recovery (LTCR) process for FEMA Region VII. This special program provides heavily impacted communities the opportunity to go through a FEMA-sponsored planning process after a catastrophic incident. The LTCR process was used in Greensburg, Kansas, to help the community plan for a new "green" future. The Greensburg, Kansas, recovery is a model for disaster recovery and the subject of televised documentaries/specials on major networks.

Mr. Hainje and FEMA Region VII worked closely with the GSA and other federal agencies to form a continuity of operations (COOP) working group within the federal executive boards of Kansas City and St. Louis. The COOP working group led efforts to increase preparedness for the federal agencies in Region VII. Mr. Hainje led yearly exercises of more than 100 federal departments and agencies with 39,000 federal employees.

Due to the devastating effects of Hurricane Katrina, Secretary Chertoff chose principal federal official (PFO) teams for the 2006 hurricane season. Mr. Hainje was asked by Secretary Chertoff to serve as the deputy Principal Federal Official for the Mid-Atlantic States. Mr. Hainje was involved with every aspect of preparation for all of the states from Georgia to Delaware. In preparation for the 2006 hurricane season, Mr. Hainje led major hurricane exercises in FEMA Region IV and FEMA Region III.

Mr. Hainje led the response, recovery, and mitigation for the historic 2008 Midwest flooding event. At the peak, Mr. Hainje was the regional administrator in charge of over 1,000 FEMA employees deployed to this event. Mr. Hainje briefed the Midwest governors, the president of the United States, as well as many U.S. senators and congresspersons.

Education

Mid American Nazarene University
Bachelor of Arts, Management and Human Relations, 2008

Killian College
Associate of Science, Fire Science, 1994

Key Expertise

- Policy/Government Affairs
- Local, State, and Federal Disaster Response and Recovery Funding
- Post-Disaster Emergency Housing
- Grant Writing, Administration, and Implementation
- Regional Response
- Commodity Distribution
- Homeland Security
- Emergency Management and Response

Grant Experience

- FEMA Public Assistance
- Hazard Mitigation Grant Program
- Community Development Block Grant Program

Training and Certifications

- Incident Command System
- Extensive Chief Fire Officer National Fire Academy Course Work

Former Emergency Medical Technician
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Mr. Hainje was also the director of operations for Hurricane Charley, which struck Florida in 2004. He was responsible for the entire Florida operations division, which at the time was the largest deployment in FEMA's history. Following the four hurricanes that struck Florida, Mr. Hainje served as director of emergency housing, which was the largest emergency housing operation in more than a decade.

Featured Professional Experience

Principal in Charge

State of South Dakota | FEMA PA Closeout Services

As principal in charge, Mr. Hainje oversaw the PA closeout contract, which involved closing out over 200 project worksheets related to public utilities.

Principal in Charge

Port of Galveston, Texas | Federal Grant Administration

Mr. Hainje is assisting the Port of Galveston on a number of reimbursement-related issues. With Mr. Hainje's assistance, the Port of Galveston has received more than \$40 million in additional federal funding associated with permanent repairs to several of the port's piers following damage from Hurricane Ike in 2008.

Senior Advisor

Texas Department of Transportation (TxDOT) | Comprehensive FEMA PA and Federal Highway Administration

Mr. Hainje worked with TxDOT and FEMA to resolve a number of outstanding projects, allowing TxDOT to receive millions in eligible funding.

Senior Debris Consultant and Advisor

State of Connecticut | Connecticut Disaster Recovery

Mr. Hainje has assisted the State of Connecticut with debris management as a member of the Interagency Debris Management Task Force (IDMTF) at the state emergency operations center (EOC) for Hurricane Irene, Winter Storm Alfred, and Hurricane Sandy. He worked closely every day with members from Connecticut Division of Emergency Management and Homeland Security, the Connecticut National Guard, Department of Energy and Environmental Protection, and Connecticut Department of Transportation. This involved advising the State of Connecticut on all debris-related issues during response and recovery from the storms. Mr. Hainje was in the EOC working with the IDMTF prior to landfall for Hurricane Irene and Hurricane Sandy.

Senior Debris Consultant and Advisor

Multiple Cities and Towns in Connecticut, including the City of Hartford | Connecticut Disaster Recovery

After Hurricane Irene, Hurricane Sandy, and Winter Storm Alfred, Mr. Hainje worked directly with Hartford, West Hartford, Manchester, Enfield, Danbury, Greenwich, Fairfield, New London, and several more communities on their debris management activities. Mr. Hainje traveled the state extensively during these operations, working with and advising public officials in more than 25 communities.

Senior Advisor (September 2011–Ongoing)

Bastrop County, Texas | Wildfire Disaster Program Management

Mr. Hainje is serving as a senior advisor to Bastrop County as they recover from the most devastating wildfires in Texas history. The fires destroyed 1,700 structures. Mr. Hainje assisted Bastrop County with requests to Texas Division of Emergency Management and FEMA.

John Buri

Project Manager/Operations/Client Liaison/Grant Management

Mr. Buri serves as regional director in Houston, Texas. His primary focus is in disaster recovery, specifically disaster debris management and the Federal Highway Administration Emergency Relief (FHWA-ER) program. Over the last several years, he has been responsible for managing the monitoring of the collection and disposal of disaster related debris including vegetative, construction and demolition, beach remediation, hazardous and special wastes. In addition, he has worked with numerous communities to develop Federal Emergency Management Agency (FEMA) approved debris management plans under the Public Assistance (PA) Pilot Program.

Through his disaster recovery work, Mr. Buri has developed significant knowledge of federal, state and local regulations pertaining to solid waste management, hazardous waste management, FEMA, Department of Transportation, and Federal Highway Administration (FHWA) regulations, policies and reimbursement processes. In addition, Mr. Buri is highly knowledgeable of federal, state, and local emergency agencies and programs, as well as funding sources and reimbursement procedures.

Additionally, Mr. Buri is recognized throughout the State of Texas for his assistance with the FHWA-ER program. Mr. Buri spearheaded the FHWA-ER effort following Hurricane Ike where he assisted numerous local governments throughout the state of Texas to apply for nearly \$30 million in FHWA-ER funding. Currently, Mr. Buri is working on the statewide training initiative for the FHWA-ER program to train state and local staff on the elements of the program.

Featured Professional Experience

Project Manager

Escambia County, Florida | Comprehensive Disaster Debris Program Management

SAIC provided comprehensive disaster debris program management services to Escambia County following one of the worst disasters in the Florida panhandle (Hurricane Ivan). Mr. Buri managed the collection and processing of approximately 10 million cubic yards of vegetative and construction and

Education

Texas State University
Master of Arts, Public
Administration, 2002

The University of Texas
Bachelor of Arts, Government,
2000

Key Expertise

- Grant Application Development
- Grant Accounting Systems
- Audit Process
- Closeout Procedures

Disasters

- 4087 Hurricane Sandy
- 4084 Hurricane Isaac
- 4029 TX Wildfires
- 4024 Hurricane Irene
- 4106 CT Winter Storm
- 1791 Hurricane Ike
- 1609 Hurricane Wilma
- 1606 Hurricane Rita
- 1551 Hurricane Ivan

Grant Experience

- FHWA-ER Program
- HUD Community Development Block Grant Program (CDBG)
- FEMA Public Assistance (PA)
- FEMA Hazard Mitigation Grant Program (HMGP)

Training and Certifications

- IS-700: National Incident Management System
- IS-546: COOP Awareness

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demolition debris, including 1.5 million cubic yards of contaminated sand. Mr. Buri was also instrumental in assisting the County to obtain approval from FEMA to remove debris from private property (as a reimbursable expense).

Project Manager

Escambia County, Florida | Escambia County Disaster Debris Management Plan

Mr. Buri assisted with the preparation of a disaster debris management plan for the County that identified responsibilities of key County staff and individuals from other participating jurisdictions. Pivotal to defining roles and responsibilities were two key workshops with all County and non-County stakeholders. Mr. Buri facilitated two half-day workshops, compiled the input and used the information for final plan development.

The workshops were the basis for establishing a spirit of cooperation between, the County, participating municipalities, the Florida Department of Transportation, the Santa Rosa Island Authority and the Perdido Key Chamber of Commerce. The specific roles for each group in the event of a disaster were resolved and defined during the course of the meetings.

Senior Management Oversight

State of Vermont | FEMA HMGP Application, Administration, and Implementation

In the wake of Hurricane Irene, the State of Vermont Emergency Management Department engaged SAIC to assist with its mitigation process. This included consulting services to evaluate the feasibility of submitting an application for the buyout of substantially damaged or destroyed structures and the elevation of less damaged structures under the FEMA Hazard Mitigation Grant Program (HMGP). Within 48 hours, SAIC deployed a team of experts to the State of Vermont Emergency Operations Center (EOC) to manage all aspects of these processes. Beginning with applicant outreach and program setup, the project team collected, reviewed, and offered technical assistance to applicants on their HMGP applications to ensure that applications are completed per program timelines and stand a good chance of being awarded through the \$23 million HMGP grant. As a result of the quality and timeliness of SAIC's work on the HMGP applications, the State is obtaining SAIC's assistance with a number of FEMA-PA related issues, including grant management of the State's Waterbury Office Complex, which was severely flooded.

Senior Management Oversight (September 2008–Ongoing)

Galveston County, Texas | FEMA HMGP Application, Administration, and Implementation

Following Hurricane Ike, Galveston County faced the daunting task of maintaining critical operations. Galveston County engaged SAIC to assist with its overall recovery process. This included consulting services for the FEMA-PA program and evaluating the feasibility of submitting an application for the buyout of substantially damaged or destroyed structures and the elevation of less damaged structures under the FEMA HMGP. Within 48 hours, SAIC deployed a team of experts to Galveston County to manage all aspects of these processes. Beginning with public outreach and program setup, SAIC staff began collecting applications from property owners and compiling an HMGP application for the buyout of up to 1,000 properties and the elevation of 12 others through a \$102 million HMGP grant, which SAIC secured, implemented, and is in the process of closing out. In addition, Galveston County also engaged SAIC to assist with its extensive PA process and to act as a standby PA consultant for future disasters.

Finally, on behalf of Galveston County, SAIC applied for a FEMA Severe Repetitive Loss (SRL) grant to elevate many more flood-prone homes throughout Galveston County. The resulting \$31 million SRL grant award will be used to elevate as many eligible homes as possible and is being implemented by SAIC to closeout.

Senior Management Oversight/Client Liaison (September 2011-Ongoing)

City of Bastrop, Texas | Wildfire Disaster Emergency Relief Program

Mr. Buri assisted with the reimbursement of over \$5 million in damages to roadway signs, signals, and guard rails and with debris removal efforts. He also provided technical assistance and assisted with application development.

Regional Program Manager (September 2008-September 2010)

Multiple Clients in Texas | Hurricane Ike Comprehensive Debris Management Operations and FEMA PA Administration and Management

Mr. Buri assisted with various debris related expenses. He assisted with application development and helped craft the policy for which ER claims were provided to the state.

Project Manager

Jefferson County, Texas | Hurricane Rita Disaster Management

Served as project manager to mobilize and deploy a full emergency response team in Jefferson County, Texas to assist with staging operations, project staffing and scheduling, and contracting and negotiations with the County's two debris removal contractors: Crowder Gulf and DRC. Services included temporary debris storage and recovery sites (TDSRS) selection and management, monitoring services, data management and call center operations.

Client Liaison and Project Manager

City of Norman, Oklahoma | Ice Storm Disaster Debris Monitoring

Mr. Buri served as the client liaison and project manager following the severe winter storms that impacted the City of Norman in December 2007. Mr. Buri assisted with debris contractor procurement, overall program management and overseeing the debris removal monitoring for the collection and disposal of approximately 750,000 cubic yards of debris.

Additional Project Experience

- Comprehensive Debris Management Operations and FEMA PA Administration and Management – Hurricane Dolly; Cameron County, Texas; Principal in Charge
- Hurricane Recovery Operations Planning; City of Corpus Christi, Texas; Project Principal
- Contractor Procurement Assistance; Hidalgo County, Texas; Project Principal
- FEMA HMGP Application, Administration, and Implementation; Galveston County, Texas; Technical Advisor
- Disaster Debris Management Workshop Series; North Central Texas Council of Governments (NCTCOG)
- Gwinnett County, GA; HMGP

Anne Cabrera

Data Management / Billing / Invoice Analyst

Ms. Cabrera has worked on almost every major post-disaster contract since Hurricane Wilma in 2005, performing invoice reconciliation and other related tasks. She routinely serves as data manager, responsible for contractor invoice reconciliation, data exports, project worksheet allocation, project progress reports, and tracking systems. She has worked on behalf of cities and counties throughout the southeastern United States to prepare for, respond to, and recover from natural and human-caused disasters, including hurricanes, tornadoes, snowstorms, and ice storms.

Ms. Cabrera assisted with the invoice reconciliation of projects in Texas and Louisiana from Hurricanes Dolly, Gustav, and Ike. She was an integral part of updating the automated system that maintains field documentation. She has worked with teams to improve the quality control process to minimize discrepancies in field documents before tickets are sent to a data center. She has grown and mentored her staff to become experts in the reconciliation process. She has strong client relations and is a highly regarded expert in the debris management industry.

Ms. Cabrera also assisted several communities in Virginia and North Carolina that were affected by Hurricane Irene. Ms. Cabrera has provided data management and contractor invoice reconciliation services.

Professional Experience

Invoice Analyst

City of Fort Lauderdale, Florida | Disaster Debris Program Management

Ms. Cabrera supported data management activities associated with the debris collection effort. She helped install a debris management database to track the huge numbers of trucks and debris loads brought to the City of Fort Lauderdale's debris management site (DMS) locations

Invoice Analyst

New Jersey Department of Environmental Protection | Hurricane Sandy Waterways Debris Removal Program Management

Following Hurricane Sandy, Ms. Cabrera supported data management activities associated with the waterways debris removal effort. Ms. Cabrera also provided invoice reconciliation.

Education

Florida Atlantic University
Master of Business
Administration,
International Business,
2011

Bachelor of Arts, Liberal
Arts, 1999

Key Expertise

- Data Management
- Invoice Reconciliation
- FEMA Compliance Monitoring
- Reimbursement Policies and Procedures
- Database Systems
- Disaster Debris Management
- Project Staffing
- Multiagency Coordination
- FEMA Reimbursement

Disasters

- 4087 Hurricane Sandy
- 4084 Hurricane Isaac
- 4029 TX Wildfires
- 4024 Hurricane Irene
- 4106 CT Winter Storm
- 3268 NY Snowstorm
- 1791 Hurricane Ike
- 1676 MO Winter Storms
- 1679 FL Tornadoes
- 1609 Hurricane Wilma
- 1602 Hurricane Katrina

SAIC®

Invoice Analyst

St. John the Baptist Parish, Louisiana | Hurricane Isaac Disaster Recovery Services

Following Hurricane Isaac, Ms. Cabrera was part of the data management and invoice reconciliation team for the Parish's debris removal program. She worked closely with the Parish, debris contractor, and Federal Emergency Management Agency (FEMA) staff to provide regular updates on the quantities and types of debris collected. She also provided data management and invoice reconciliation.

Invoice Analyst

City of New Orleans, Louisiana | Hurricane Isaac Disaster Recovery Services

Following Hurricane Isaac, Ms. Cabrera was part of the data management and invoice reconciliation team for the City's debris removal program. She worked closely with the City, debris contractor, and FEMA staff to provide regular updates on the quantities and types of debris collected. She also provided data management and invoice reconciliation.

Invoice Analyst

City of Baytown, Texas | Disaster Recovery Services

Ms. Cabrera's primary responsibility was to support data management and contractor invoice reconciliation activities.

Data Manager

St. John the Baptist Parish, Louisiana | Disaster Recovery Services

Following Hurricane Ike, Ms. Cabrera was part of the data management team for the parish's debris removal project. She worked closely with parish, debris contractor, and Federal Emergency Management Agency (FEMA) staff to provide regular updates on the quantities and types of debris collected.

Invoice Analyst

St. Landry Parish, Louisiana | Debris Removal Program Management

Ms. Cabrera oversaw the data entry, tabulation, and organization of collection and disposal data into FEMA-required formats.

Data Manager

Terrebonne Parish, Louisiana | Disaster Recovery Services

Ms. Cabrera performed data management activities for Terrebonne Parish. This included designing and implementing quality assurance and quality control processes for the review and verification of field and debris contractor-provided data in support of invoices to ensure accurate invoice reconciliation.

Hurricane Ike, Hurricane Irene, and Tropical Storm Alfred Disaster Recovery Assistance

Ms. Cabrera was heavily involved in the firm's disaster recovery efforts during the 2008 and 2011 hurricane seasons, as well as ongoing projects related to the Texas severe drought and wildfires where she primarily provided data management activities associated with the debris collection effort. Listed below are a number of clients Ms. Cabrera supported:

- Alamo, City of, Texas
- Alvin, City of, Texas
- Angleton, City of, Texas
- Houston, City of, Texas
- Iberville Parish, Louisiana
- Jamaica Beach, City of, Texas

Anne Cabrera
Data Management / Billing / Invoice Analyst

- Bastrop County, Texas
- Beaufort, City of, North Carolina
- Bellaire, City of, Texas
- Bristol, City of, Connecticut
- Cameron County, Texas
- Central, City of, Louisiana
- Connecticut Department of Transportation
- Connecticut, State of
- Dare County, North Carolina
- Duck, Town of, North Carolina
- Fort Bend County, Texas
- Galveston, City of, Texas
- Galveston County, Texas
- Hardin County, Texas
- Harris County, Texas
- Hartford, City of, Connecticut
- Henrico County, Virginia
- Hidalgo County, Texas
- Kill Devil Hills, Town of, North Carolina
- Kitty Hawk, Town of, North Carolina
- La Marque, City of, Texas
- Lenoir County, North Carolina
- Manchester, City of, Connecticut
- Manteo, Town of, North Carolina
- Martin County, North Carolina
- Nags Head, Town of, North Carolina
- Onslow County, North Carolina
- Pasadena, City of, Texas
- Richlands, Town of, North Carolina
- Seabrook, City of, Texas
- Southern Shores, Town of, North Carolina
- South Windsor, City of, Connecticut
- Sugarland, City of, Texas
- Virginia Department of Transportation
- Weslaco, City of, Texas
- West University Place, City of, Texas

Charles "Chuck" McLendon

Principal in Charge / Senior Advisor / Project Management

Mr. McLendon is a subject matter expert with over 21 years of experience specializing in solid waste and hazardous waste management, program management, disaster recovery, mitigation, and reconstruction. Through his many years of local government consulting experience, Mr. McLendon is highly skilled in organizing project teams, contracting, project scheduling, cost estimation, logistics, and numerous other project management tasks.

Mr. McLendon has been involved in numerous large-scale program management efforts associated with a variety of disciplines, including capital projects reconstruction, water and sewer program renewal, disaster recovery, and solid waste master plan implementation.

Mr. McLendon is a recognized expert in disaster recovery efforts and the associated grant programs utilized to reimburse local governments. He has provided oversight for nearly 100 million cubic yards (CYs) of debris removal and has expertise in a number of specialty programs, including private property debris removal programs and debris contracting.

Mr. McLendon has overseen projects ranging from one of the largest utility system acquisitions in the State of Florida to managing the short- and long-term recovery efforts of numerous communities that have been affected by catastrophic natural disasters.

Featured Professional Experience

Principal in Charge

City of Boca Raton, Florida | Disaster Recovery and Debris Cleanup Management

Mr. McLendon organized support teams trained for abrupt debris cleanup efforts and helped managed staging operations and scheduling, dispatching, and logistics operations. He helped develop detailed data and mapping documentation that contributed to timely, thorough debris removal within the City of Boca Raton.

Principal in Charge

City of Orlando, Florida | Hurricanes Charley and Frances Disaster Debris Program Management

Mr. McLendon helped the City of Orlando organize and implement storm debris collection operations immediately following Hurricanes Charley and Frances. Following road clearing operations performed by public works crews, the City of Orlando retained three contractors to

Education

Florida State University
Bachelor of Science,
Marketing, 1991

Key Expertise

- Debris Management
- Program Management
- FEMA PA Program Grant Administration
- Private Property Debris Removal Programs
- Contract Management and Debris Contractor Procurement
- Solid and Hazardous Waste Management

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Business & Financial Consultants*

collect, process, and dispose of roughly 1 million CYs of vegetative debris. Under Mr. McLendon's direction, SAIC provided comprehensive program management services for debris recovery operations, including collection monitoring, disposal site monitoring, communications/public relations, data management, and contractor invoice reconciliation.

Principal in Charge and Project Manager (September 2004–October 2007)

Escambia County, Florida | Hurricane Ivan Comprehensive Disaster Debris Program Management

Mr. McLendon directed efforts to provide comprehensive disaster debris program management services to Escambia County following Hurricane Ivan. He helped Escambia County collect and process more than 6 million CYs of vegetative debris, 1.5 million CYs of construction and demolition debris, and 1.5 million CYs of sand. He was also instrumental in helping Escambia County obtain approval from FEMA to remove debris from private property (as a reimbursable expense).

Principal in Charge (September 2005–September 2008)

City of Pensacola, Florida | Hurricane Ivan Disaster Debris Program Management

Following Hurricane Ivan, Mr. McLendon provided senior oversight of debris monitoring operations. Mr. McLendon organized a response team and participated in key meetings with City of Pensacola, State of Florida, and FEMA officials.

Senior Advisor

Lake County, Florida | Disaster Recovery and Debris Management

Mr. McLendon provided management assistance to Lake County staging operations, load inspections for storm debris cleanup performed by contract haulers, scheduling, dispatching, and logistics operations for the field inspectors assigned for storm debris cleanup. During debris removal efforts, Mr. McLendon worked closely with Lake County personnel to respond to issues and maintain smooth operations.

Principal in Charge

Polk County, Florida | Hurricane Charley Program Management and Disposal Site Monitoring Assistance

Within hours of Polk County's notification, Mr. McLendon helped Polk County organize debris recovery operations. SAIC subsequently provided disposal site monitors at three of Polk County's landfills that were used for staging operations.

Principal in Charge and Technical Advisor (August–December 2011)

Dare County, North Carolina | Hurricane Irene Debris Management Services

Mr. McLendon served as technical advisor for Dare County and six of its municipalities following the landfall of Hurricane Irene in eastern North Carolina during 2011. Mr. McLendon oversaw development of an incident action plan; mobilized and organized key staff; facilitated kickoff meetings with Dare County, municipalities, and the State of North Carolina; and provided senior technical advisory services.

Principal in Charge

City of New Orleans, Louisiana | Hurricane Katrina Residential Demolition Program

Mr. McLendon oversaw the implementation of a complex residential demolition program for the City of New Orleans following the departure of the U.S. Army Corps of Engineers after Hurricane Katrina. Mr. McLendon was instrumental in organizing a complex process that complied with City of New Orleans nuisance abatement ordinances that allowed the City of New Orleans to lawfully demolish blighted

properties damaged by Hurricane Katrina. Several thousand homes were surveyed for participation in the program and almost 2,000 were ultimately demolished.

Technical Advisor (December 2008–September 2010)

Texas Department of Transportation (TxDOT) | Hurricane Ike Disaster Debris Program Management

Mr. McLendon provided senior guidance to Science Applications International Corporation (SAIC) staff in support of numerous projects for TxDOT. SAIC provided debris monitoring services to the Beaumont District of TxDOT following Hurricane Ike. Later, SAIC supported the Beaumont District and headquarters with various Federal Highway Administration (FHWA) Emergency Relief (ER) Program and Federal Emergency Management Agency (FEMA) Public Assistance (PA) Program grant management tasks. SAIC also developed and facilitated FHWA ER training workshops for local governments on behalf of TxDOT. Finally, SAIC supported TxDOT following the 2011 Bastrop Complex wildfire.

Principal in Charge and Project Manager (September 2008–September 2010)

City of Galveston, Texas | Hurricane Ike Disaster Debris Program Management

Following the landfall of Hurricane Ike on Galveston Island, Mr. McLendon oversaw emergency roadway clearance, right-of-way debris monitoring, debris management site operations, household hazardous waste debris removal, hazardous tree removal, and many other programs.

Principal in Charge (September 2008–September 2011)

City of Houston, Texas | Hurricane Ike Disaster Debris Program Management

Following Hurricane Ike, SAIC's operations in Houston included the recovery of more than 4.5 million CYs of debris.

Principal in Charge

City of New Orleans, Louisiana | Hurricane Gustav Disaster Debris Program Management

Mr. McLendon provided senior oversight following the landfall of Hurricane Gustav in 2008. Mr. McLendon oversaw the execution of the project, including contract negotiations, hiring of local firms to meet the City of New Orleans's minority, woman-owned, disadvantaged business enterprise (M/W/DBE) participation goals, and meetings with the Sewerage and Water Board of New Orleans, Louisiana Department of Environmental Quality, and state and local historic preservation societies.

Project Management/Operations Management/Debris Management

Mr. Ivey is a project manager for Science Applications International Corporation (SAIC). In this role, he provides Federal Emergency Management Agency (FEMA)-related guidance and public assistance (PA) administration during times of activation based on his extensive experience managing disaster recovery efforts. This includes debris collection and disposal, developing project worksheets to accurately record the data to ensure proper reimbursement, payment reconciliation, and guidance on adhering to local, state, and federal regulations and policies governing debris collection and disposal.

Mr. Ivey has oversaw recovery operations on some of the country's largest debris-generating disasters, including Hurricanes Katrina, Wilma, Dennis, and Ivan; the ice storms that hit the Buffalo, New York, area in October 2006; and the Groundhog Day tornadoes that swept through central Florida in February 2007. In the past two years, he has worked in communities stretching from the Gulf Coast region to upstate New York providing disaster recovery operations to ensure compliance with all FEMA and other reimbursement agency regulations.

Professional Experience

Project Manager (March–May 2006)

Collier County, Florida | Hurricane Wilma Disaster Debris Program Management

Mr. Ivey and other key members of the project team provided Collier County with daily progress reports, including maps showing beginning global positioning system (GPS) coordinates with pre-photos, daily progress, ending GPS coordinates, and post-event photos. The daily reports included documentation supporting daily debris removal quantities and documentation of the proper disposal of that debris. These reports were discussed at a weekly meeting with representatives from the Natural Resources Conservation Service (NRCS) and Collier County. Mr. Ivey also instructed team members on how to accurately measure work completed in order to ensure maximum reimbursement.

Project Manager (February–April 2007)

Volusia County, Florida | Groundhog Day Tornado Disaster Recovery and Storm Debris Removal

Mr. Ivey was responsible for overseeing the teams monitoring the collection and disposal of approximately 135,000 cubic yards (CYs) of

Key Expertise

- Data Management
- FEMA Compliance Monitoring and Auditing Oversight
- Collection/Disposal Monitoring
- Private Property ROE Debris Removal Administration
- Field Operations and Logistics Support
- Public Assistance Administration

Disasters

- 4086 NJ Hurricane Sandy
- 4084 Hurricane Isaac
- 4024 Hurricane Irene
- 1791 Hurricane Ike
- 1780 Hurricane Dolly
- 1735 OK Winter Storms
- 1679 FL Tornadoes
- 1609 Hurricane Wilma
- 1602 Hurricane Katrina
- 1595 Hurricane Dennis
- 1551 Hurricane Ivan

Trainings and Certifications

- OSHA 510: 40-Hour Construction Safety
- OSHA 40-Hour HAZWOPER
- OSHA 7600 Disaster Site Worker
- OSHA 10-Hour Construction Safety
- NIMS IS-00700

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debris. Mr. Ivey also coordinated the data management process to ensure maximum reimbursement from FEMA.

Collection and Disposal Monitor (September 2004–October 2007)

Escambia County, Florida | Hurricane Ivan Comprehensive Disaster Debris Program Management

Mr. Ivey was responsible for truck certification, hanger/leaner identification, tracking and monitoring debris removal, data entry, contractor invoice reconciliation, and appeals support. He was also responsible for training field debris monitoring crews.

Data Manager and Collection and Disposal Monitor (September 2005–September 2008)

City of Pensacola, Florida | Hurricane Ivan Disaster Debris Program Management

Following Hurricane Ivan, Mr. Ivey oversaw disaster recovery efforts for the City of Pensacola, including the proper collection and disposal of over 1.3 million CYs of debris. He was responsible for the database management of load tickets, approval of debris contractor invoices, and assisting the City of Pensacola with preparing project worksheets for FEMA reimbursement.

Project Manager

New Jersey Department of Environmental Protection | Hurricane Sandy Disaster Vessel Recovery Program

Mr. Ivey is currently serving as a project manager for the New Jersey Department of Environmental Protection (NJDEP) following Hurricane Sandy, where he is managing the NJDEP's vessel recovery operations throughout the state, as well as, water debris removal for the northern part of the state.

Project Manager

St. John the Baptist Parish, Louisiana | Hurricane Isaac Disaster Debris Program Management

Following Hurricane Isaac, Mr. Ivey served as the project manager implementing SAIC's automated debris management system (ADMS) for the debris removal project. Mr. Ivey was responsible for oversight of household hazardous waste (HHW) and supervising the private property debris removal program. This project resulted in the monitoring and removal of over 220,000 cubic yards (CYs) of debris for St. John the Baptist Parish.

Project Manager (August–December 2011)

Henrico County, Virginia | Hurricane Irene Disaster Debris Program Management

Following Hurricane Irene, Mr. Ivey was responsible for supervising the debris and tower monitors, verifying truck certification, creating schedules for supervisors, and meeting with clients daily for updates on the progress of the debris management program.

Project Manager (September 2008–September 2011)

City of Houston, Texas | Hurricane Ike Disaster Debris Program Management

Mr. Ivey was instrumental in helping the firm to quickly establish debris removal protocols, assign and direct debris haulers to zones, and keep city residents informed of the progress of the debris effort. The debris removal operation was a monumental effort involving approximately 1,000 personnel and the daily removal of 250,000 CYs of debris from the city.

Project Manager (April–June 2011)

City of Raleigh, North Carolina | Tornado Disaster Program Management

Following the tornadoes in 2011, Mr. Ivey trained City of Raleigh staff members on debris removal, leaners and hangers, and truck certification. Mr. Ivey also tracked the work completed for FEMA eligibility and updated the client daily on training progress.

Project Manager (March–May 2010)

Comanche Nation, Oklahoma | Winter Storm Disaster Debris Program Management

Mr. Ivey trained Comanche Nation tribal members on debris removal, leaners and hangers, and tower and truck certification. Mr. Ivey also reported daily to the chief of the tribe on the progress of the project.

Project Manager (November–December 2009)

Arkansas Game and Fish Commission | Ice Storm Disaster Debris Program Management

Mr. Ivey was responsible for the removal of hazardous leaners and hangers over 2 mountains (totaling 63 miles). Mr. Ivey mapped every tree over this 63-mile span and informed the Arkansas Game and Fish Commission about future replanting.

Project Manager (June–October 2009)

Towns of Spencer and Sterling, Massachusetts | Winter Storm Disaster Debris Program Management

Following the snowstorms in 2009, Mr. Ivey monitored ROW debris removal and trained staff members on debris removal, leaners and hangers, and tower and truck certification.

Project Manager (July–November 2008)

Hidalgo County, Texas | Hurricane Dolly Debris and Grant Management Services

Mr. Ivey oversaw all project-related activities for Hidalgo County and its 16 cities and maintained a high level of communication between the various county, city, and FEMA officials. Through those relationships and diligent oversight, Mr. Ivey was able to add the removal of hazardous trees, branches, and stumps from many of the Hidalgo County parks. Mr. Ivey was also able to help get most of the vegetative debris recycled rather than burned or taken to a local landfill.

Operations Manager

City of New Orleans, Louisiana | Hurricane Katrina Residential Demolition Program

Mr. Ivey's responsibilities included documenting legal authority to demolish properties, which included surveying each structure, securing the legal ownership of nearly 2,000 properties, advising the legal owners of the impending demolition, and documenting the entire process from survey to demolition.

The unique demolition project required the identification and tracking of items with archeological significance to the surrounding area. Mr. Ivey's eye for detail for all aspects of the fast-paced demolition project ensured maximum reimbursement from FEMA for the City of New Orleans.

Field Supervisor (June–September 2008)

City of Cedar Rapids, Iowa | Sinclair Property Flood Demolition Monitoring Management

Following the flooding in 2010, Mr. Ivey was responsible for monitoring the daily operations of removing hazardous material from the Sinclair Plant.

Project Manager

City of Norman, Oklahoma | Winter Storm Disaster Debris Program Management

Following severe winter storms in December 2007, Mr. Ivey assisted with debris contractor procurement, overall program management, and overseeing the debris removal monitoring for the collection and disposal of approximately 750,000 CYs of debris. He was responsible for training nearly 120 monitors and supervisory personnel as well as holding daily safety and operational meetings with them. Mr. Ivey was able to add FEMA reimbursable projects for the city, which included the removal of hazardous trees, branches, and stumps from the right-of-way (ROW) and the removal of hazardous trees, stumps, and debris from over 40 city parks.

Following the tornadoes in 2010, Mr. Ivey provided training on debris removal, leaners and hangers, and tower and truck certification. He also monitored hazardous waste removal and ROW debris removal from parks in the City of Norman.

Operations Manager (October 2006–January 2007)

Genesee County, New York | Winter Storm Disaster Debris Program Management

Mr. Ivey provided logistics support, truck certifications, training for collection and disposal monitoring crews, and data entry and management services. He worked closely with Genesee County to identify critical debris removal areas and mark hazardous trees and hanging limbs for removal.

Field Supervisor (October 2006–January 2007)

Town of Amherst, New York | Snowstorm Disaster Debris Program Management

Mr. Ivey was responsible for the documentation, entry, and management of load tickets for 500,000 CYs of debris into a proprietary database and monitored the eligible removal of hazardous hanging limbs from 36,000 trees.

Project Manager (October 2006–January 2007)

Town of North Tonawanda, New York | Winter Storm Disaster Debris Program Management

Mr. Ivey was a member of the first response team and was deployed to the western portion of upstate New York following a devastating early season snowstorm that buried the Town of North Tonawanda under nearly two feet of snow. Mr. Ivey was responsible for truck certification, collection and disposal monitoring, and preparation of project worksheets to document eligible debris estimates for approximately 80,000 CYs of debris. He also provided fleet management services to ensure operations ran efficiently and effectively.

Field Supervisor (October 2006–January 2007)

Town of Lackawanna, New York | Winter Storm Debris Monitoring

Mr. Ivey was mobilized within 12 hours of the issuance of a notice to proceed to help the Town of Lackawanna initiate its ROW debris removal operation, ROW leaner and hanger removal program, and some waterway cleanup along Lake Erie. Mr. Ivey also worked closely with the Town of Lackawanna to identify critical debris removal areas and earmark hazardous trees and hanging limbs for removal. In total, Mr. Ivey supported the collection and disposal of approximately 80,000 CYs of debris and the eligible removal of hazardous hanging limbs from 1,400 trees.

Alex Regalado

Field Inspector/Construction Management

Mr. Regalado has over 10 years of experience in field inspection and construction management. His field inspection experience includes management and oversight of construction activities for various transportation projects throughout Miami-Dade County. In addition, Mr. Regalado has extensive experience in project coordination, review of contractor's request for information (RFI), quality assurance/quality control (QA/QC) implementation, as well as environmental oversight management.

Professional Experience

Field Inspector

Miami-Dade County, Florida | Hurricane Wilma Traffic Signal Repair Recovery Project

Mr. Regalado provided field inspection and supervision services in connection with activities such as traffic light and traffic sign replacement as well as roadway milling and resurfacing activities. Additional services included damage assessments and oversight and documentation of contractors' activities.

Field Inspector

Fort Lauderdale-Hollywood International Airport, Broward County Aviation Department | Taxiway and Ramp Rehabilitation Program

This project consisted of professional engineering design and construction administration services for the repair and overlay of various taxiways, taxi lanes, and ramp areas located airside throughout the airport. As Field Inspector, Mr. Regalado was responsible for providing construction management services, field inspection, project coordination, Quality Assurance/Quality Control (QA/QC), construction schedule update review, and implementation of the Storm Water Pollution Prevention Plan among other tasks.

Field Inspector

Florida Department of Transportation District VI | Port of Miami Tunnel from Port of Miami to SR-836/I-395

This project consisted of construction engineering and inspection services. As Field Inspector, Mr. Regalado's responsibilities included supervision of onsite construction activities and inspection of materials entering into the work in accordance with the plans and specifications. This included the monitoring and inspection of Concessionaire's Work Zone Traffic Control Plan and review of the modifications to the Work

Education

Florida International University
Bachelor of Science, Architectural Construction Management (*in progress*)

Miami-Dade College
Associate of Arts, Building Construction

Key Expertise

- Roadway/Field Inspection
- Bridge Construction Inspection
- Construction Management
- Quality Assurance/Quality Control

Training and Certifications

- American Concrete Institute: Concrete Transportation Construction Inspector Certification
- Hazardous Materials Awareness Level Course
- HAZMAT - US DOT & IATA
- OSHA's Annual HAZPOWER Supervisor/Management
- OSHA 30-hr. Occupational Safety & Health Training
- FDEP Stormwater Management Inspector



Zone Traffic Control Plan, including Alternate Work Zone Traffic Control Plan, in accordance with the Florida Department of Transportation (FDOT) procedures. Mr. Regalado was also in charge of weekly lighting inspections, review of MOT implementation according to the plans, and verification of the quality control tests (concrete, asphalt, and earthwork) performed by the contractor. Mr. Regalado was also responsible for maintaining complete and accurate records of all activities and events related to the project, which entailed the preparation of daily construction reports.

Field Inspector

Miami-Dade Public Works Department | Venetian Causeway Bridge Project

This project entailed bridge repair, which included the replacement of corroded reinforcement bars and the replacement of damaged concrete as well as epoxy injection of cracks and carbon fiber reinforcement. As Field Inspector, Mr. Regalado was responsible for overseeing daily activities, including the proper use of materials and techniques according to the specifications and recording quantities. Mr. Regalado was also responsible for project coordination and daily reports preparation.

Field Inspector

Miami-Dade Expressway Authority (MDX) | SR-836 Auxiliary Lanes

This \$15-million project along SR-836 from SR-826 to the NW 57 Avenue Interchange included the 72nd Avenue Interchange ramp. Project components included a new bridge over the Venetian and Airport Canals, a bridge widening at NW 57 Avenue, roadway widening, paving, drainage improvements, lighting, signing, and markings. Mr. Regalado was responsible for performing field inspection, identifying field construction issues, reviewing and answering contractor's RFI, monitoring contractor's schedule compliance, and writing weekly progress reports.

Field Inspector

City of Miami, Florida | NW 15th Avenue and NW 34th Avenue Road Improvement

The project entailed the installation of a drainage system along NW 15th Avenue and NW 34th Avenue. Services during construction included milling and resurfacing, roadway reconstruction, new driveway and sidewalk construction, and sodding. Mr. Regalado provided field inspection services.

Field Inspector

Miami-Dade Transit Authority | North Corridor Metrorail Extension

The project consisted of a 9.5 miles of elevated double-track rail extension of the Miami-Dade Metrorail systems. As field inspector, Mr. Regalado's responsibilities included investigation of utility facilities, coordination of field research, field inspections, and QA/QC of preliminary drawings.

Field Inspector

City of Miami, Florida | Construction Engineering Inspection Services for Roadway and Drainage Improvements for the Design District

The project consisted of roadway and drainage improvements to NE 39 Street and NE 40 Street between N. Miami Avenue and NE 2nd Avenue, including new signalization, lighting, milling and resurfacing, drainage, landscaping and pavement markings. As field inspector, Mr. Regalado was responsible for measurements, field inspection of drainage structures, and pay items.

Field Inspector

Florida Department of Transportation District VI | Miami Intermodal Center (MIC-MIA)

The Miami Intermodal Center is a massive ground transportation hub being developed by the Florida Department of Transportation. The MIC Program consists of a Rental Car Center, the Miami Central Station, major roadway improvements, the MIA Mover, and a joint development component. As field inspector, Mr. Regalado was responsible for monitoring of dewatering activities, environmental compliance inspections, soil, and water sampling, oversight of contaminated soil disposal, Storm Water Pollution Prevention Plan compliance, and monitoring of manatee sightings log.

Field Inspector

Homestead General Airport | Site Assessment Activities at Former Wyatt Aviation

The project consisted of the excavation and disposal of petroleum contaminated soil, onsite screening, and sampling (for laboratory analysis) of excavated soils, installation and sampling of two standard monitoring wells, and the backfilling of the excavation with clean fill and covering with asphalt. As field inspector, Mr. Regalado was responsible for field inspection, oversight, and documentation of contractors' activities, and coordination of clean fill delivery and disposal of non-hazardous suspect soils.

Field Inspector

South Florida Water Management District - Palm Beach County, Florida | Spillway Structures (G-311 and G-341)

This project was part of the Everglades Restoration Program, and it included two canal relocations, construction of structural elements, concrete walls and the construction of two bridges with bascule mechanism, subsurface blasting, steel sheet pile installation, excavation, and construction of the foundations. As field inspector, Mr. Regalado was responsible for field inspection and construction administration services.

Field Inspector

City of Coral Gables, Florida | Biltmore Golf Course Vehicle & Equipment Maintenance Facility

Site assessment activities included soil sample collection from 35 soil boring locations within the facility and quarterly monitoring activities. Additional environmental responsibilities included the development and implementation of a Contamination Assessment Plan and a Remedial Action Plan in accordance with the site-specific requirements established by the regulatory agency. As field inspector, Mr. Regalado was responsible for responsible for project oversight and documentation of subcontractors' activities.

Jose Rovira

Field Inspection/Engineering Technician

Mr. Rovira has over five years of experience in the fields of engineering, construction administration, and inspection services. His field inspection experience includes oversight of construction activities during the installation of drainage, water distribution, and sewer collection systems and on-site inspections of asset class structures, including roadway and railroad bridges. Additional experience includes project coordination, quality assurance and quality control (QA/QC) implementation, as well as field testing.

His engineering background and training includes sidewalk construction and repairs, curbs construction, drainage structures, water and sewer pipelines, and underground utilities. Mr. Rovira's previous responsibilities include technical, administrative, and managerial assignments for a Miami-Dade general contracting company.

Professional Experience

Field Inspector

Miami International Airport, Miami-Dade Aviation Department | Tract One Grading, Drainage and Pavement Improvements

This project consisted of environmental oversight services during construction activities. As field inspector, Mr. Rovira was responsible for overseeing the screening of stockpile soil according to MDAD's protocol; collection of soil samples for laboratory analysis, review of contractors' work plans and schedules, maintenance of daily activities field notes, and photograph and documentation of environmental issues.

Field Inspector

Miami-Dade Expressway Authority | Interconnector from Miami International Airport to SR-112

This project consisted of an Asbestos Survey of existing structures located in Miami-Dade County. The purpose of this Asbestos Survey was to identify the presence and condition of suspect asbestos containing materials (ACM) prior to demolition activities and to evaluate the response actions necessary for this structure. As field inspector, Mr. Rovira was responsible for project coordination and supervision of project activities during the survey performance.

Education

University of Havana
Bachelor of Science,
Mechanical Engineering

Key Expertise

- Bridge Inspection
- Construction/Field Inspection
- Construction Administration
- Environmental oversight
- Utility Coordination
- Field Sampling

Training and Certifications

- ACI Concrete Field Testing Technician - Grade I
- CTQP Asphalt Paving Technician - Level I
- CTQP Earthwork Construction Inspection Level I
- MOT Work Zone Traffic Control - Intermediate Level
- Florida DEP Stormwater, Erosion and Sedimentation Control Inspector Training Program
- Nuclear Gauge Safety Training
- OSHA'S 40- Hr HAZWOPPER
- OSHA'S 8-Hr Refreshment Class
- ARC GIS
- AutoCAD Level 2



Field Inspector

Miami-Dade Transit | Miami Intermodal Center (MIC) – Earlington Heights Connector

This project consists of a 2.4-mile extension of the Metrorail from the existing Earlington Heights Station to the Miami Intermodal Center. This specific task entailed a pre-demolition asbestos survey of approximately 2,500 square feet, two-story office building located at 3700 NW North River Drive in Miami, FL. The purpose of the survey was to sample suspect asbestos-containing building materials prior to any demolition activity. As Field Inspector, Mr. Rovira was responsible for project coordination and oversight of the asbestos survey.

Field Inspector

Miami-Dade Expressway Authority | Pavement Rehabilitation, Milling and Resurfacing and Bridge Rehabilitation Projects

This project task consisted of performing a desktop environmental assessment for the proposed project to support the standard Type 1 and programmatic categorical exclusion checklist pursuant to the FDOT PD&E manual. Specific project sites included:

- SR-836 milling and resurfacing and upgrades from 57th Avenue to I-95
- SR-836 Bridge Rehabilitation from 57th Avenue to I-95
- SR-112 Bridge Rehabilitation from NW 21st Street to I-95
- SR-112 milling and resurfacing from NW 21st Street to NW 27th Avenue
- SR-112 milling and resurfacing from NW 27th Avenue to I-95
- Systemwide Safety Improvements – Guardrail and other improvements on SR-112, SR-836, SR-874, SR-878 and SR-924
- Improvements to SR-836 Bridge over the Miami River

Field Inspector

Miami-Dade Expressway Authority | SR-836 Mainline Reconstruction and Connections to MIA, Environmental Site Assessment Level II

This project entailed site assessment activities at Mc Ardle Property located in Miami-Dade County, FL. The assessment activities included the collection of soil and groundwater samples used for the evaluation of potential impacts to the proposed construction. Soil samples were collected and field screened with an Organic Vapor Analyzer (OVA) at pre-determined locations along the parcel. Groundwater samples were collected for laboratory analysis. As field inspector, Mr. Rovira was responsible for the oversight of soil sampling and collection during field activities.

Field Inspector

Miami-Dade Transit | North Corridor Metrorail Extension

The project consisted of an approximately 9.5 mile elevated double track rail extension of the Miami-Dade Metrorail system. Services provided by Nova included researching as-built information for existing utilities; identifying and resolving utility conflicts; incorporating future plans for utility improvements and their potential effect on proposed Metrorail projects; and preliminary drainage and utility design for the guideway and associated facilities, including stormwater and canal flow modeling. Mr. Rovira provided site inspection and utility coordination services.

Field Inspector

Miami-Dade County, Florida | Stormwater Utilities for the Town of Medley

The project consisted of the sanitary sewer system evaluation to determine the peak sewer flows under the conditions of the 2-year design rain event for the present conditions as well as a 20 year planning period. This evaluation was conducted for compliance with the Miami-Dade Volume Sewer Customer Ordinance (VSCO), and constitutes Phase I compliance, providing peak flow hydrographs for the points of connection between Miami-Dade Water and Sewer Department (MDWASD) and the Town of Medley. Mr. Rovira provided field support and inspected the Town's force main system and pump stations.

Field Inspector

City of Miami, Florida | King Gardens Storm Water Drainage Project

The project consisted of the installation of drainage structures, pipe culverts, exfiltration drains, grading, and roadway restoration. Mr. Rovira provided construction inspection services.

Field Inspector

Miami-Dade Public Works Department | Quality Neighborhoods Improvement Program

The project consisted of the replacement and construction of sidewalks in different neighborhoods throughout Miami-Dade County. Mr. Rovira provided construction inspection services.

Field Inspector

Florida Department of Transportation District VI | Port of Miami Tunnel Project from Port of Miami to SR-836/I-395

The Port of Miami Tunnel will run from the south side of the MacArthur Causeway at Watson Island under the 36-foot-deep Government Cut main shipping channel to the north side of Dodge Island, where it will emerge and link up with Port Boulevard. This project is an integral component of a larger program and consists of two tubes, each 41-foot wide, containing a two-lane roadway. The tunnel-boring machine digs through soft limestone to a depth of more than 100-feet beneath the shipping channel, where cruise ships dock. Currently, Mr. Rovira is providing document control support for the project.

Oliver Yao

Data Management/Invoice Reconciliation/Operations Support

As a data manager, Mr. Yao is responsible for contractor invoice reconciliation, client data exports, project worksheet allocation, project progress reports and tracking systems, and disaster debris management plans. Mr. Yao has been responsible for providing data management and reimbursement support in response to some of the largest debris-generating disasters to hit the United States, including Hurricanes Katrina and Ike. Mr. Yao also has significant experience with Federal Highway Administration (FHWA) debris removal and data management policies.

At the peak of operations following Hurricane Ike, Mr. Yao and his team processed over 25,000 load tickets per day with operations running 24 hours a day, seven days a week in 4 locations across the southeast United States. Mr. Yao was responsible for the two data centers in Orlando while coordinating with teams in Tampa, Pensacola, and Houston. Mr. Yao continues to work on the Federal Emergency Management Agency (FEMA) Public Assistance (PA) Grant Program closeout and audit process by providing backup documentation for debris removal. He has also been an integral part of Science Applications International Corporation's (SAIC) internal improvement process following storms by significantly contributing to the enhancement of the SAIC Training Program. Mr. Yao has mentored staff to build a team of expert data quality specialists.

Professional Experience

Emergency Management Consultant

Escambia County, Florida | FEMA-Compliant Disaster Debris Management Plan

When Mr. Yao is not supporting response and program management activities, he assists in the development of FEMA-compliant disaster debris management plans (DDMP). He was part of the project team that helped develop the first Florida FEMA-approved DDMP for Escambia County.

Data Manager

Sarasota County, FL | Pre-Event Disaster Planning Services

Over the last few years Mr. Yao has supported Sarasota County on a number of pre-event disaster planning services. Mr. Yao performed a review of the debris hauler request for proposal (RFP) and also attended

Education

Rollins College, Crummer
School of Business
Master of Business
Administration, 2006

Rollins College
Bachelor of Arts,
Economics, 2003

Key Expertise

- Data Management
- FEMA Reimbursement Support
- Contractor Invoice Reconciliation
- FEMA-Compliant Disaster Planning
- FHWA Data Management Policies

Grant Experience

- FEMA PA Grant Program
- FHWA Emergency Relief (ER) Program

Training and Certifications

- FEMA IS-00546: Continuity of Operations (COOP) Awareness Course
- FEMA IS-00547: Introduction to COOP
- FEMA ICS 120: An Introduction to Exercises
- Homeland Security Exercise and Evaluation Program (HSEEP)-Certified

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client meetings to discuss specialized debris removal activities such as dead animal carcasses.

Data Manager (April 2013 – Present)

Severe Winter Storm Debris Program Management | Sioux Falls, South Dakota

Mr. Yao is responsible for supporting all data management activities including the administration of automated debris management system (ADMS) technology to document debris and hazard removal efforts. During the course of recovery operations, SAIC documented the removal of over 87,000 yards of debris and nearly 27,000 hanging limbs and leaning trees.

Regional Data Manager (March 2013 – Present)

New Jersey Department of Environmental Protection (NJDEP) | Hurricane Sandy Waterways Debris Removal Program

Mr. Yao is providing data management and oversight of the application of ADMS technology in both the North and South regions of the state as part of long-term recovery efforts to removed disaster debris from waterways throughout the state.

Data Manager (November 2012 – January 2013)

Borough of Sayreville, New Jersey | Hurricane Sandy Debris Program Management

Mr. Yao served as data manager for the Borough of Sayreville. ADMS technology was utilized and expedited clean up and recovery efforts for the borough.

Regional Data Manager (October 2012 – November 2012)

State of Connecticut | Hurricane Sandy Disaster Recovery Program Management

Following Hurricane Sandy, Mr. Yao served as the regional operations manager. In this role he oversaw data management and field operations for the statewide operation that cleared and collected debris from the right of way though the impacted region following the storm's path.

Data Manager (September 2011–Ongoing)

Bastrop County, Texas | Wildfire Disaster Emergency Relief Program

Following the wildfires in Bastrop County, Mr. Yao was responsible for supporting all data management activities associated with the debris collection effort. The project resulted in 750 private property debris removals, the removal of 49,000 burnt trees, and the removal of 15,000 burnt trees from the right-of-way (ROW).

Regional Operations Manager (August 2012-December 2012)

City of New Orleans, Jefferson Parish, and St. John the Baptist Parish | Hurricane Isaac Debris Program Management

Following Hurricane Isaac, Mr. Yao served as the regional operations manager for the Louisiana activation. In this role he oversaw data management and field operations for the three projects and 10 sub-programs.

Data Manager (August–December 2011)

Henrico County, Virginia | Hurricane Irene Debris Program Management

Mr. Yao assisted Henrico County with FEMA compliance and reimbursement for more than 22,500 tons of disaster debris; 109 hazardous tree removals; and 13,227 hazardous hanger removals in response to Hurricane Irene. Compliance documentation consisted of correlating scale weight tickets to load tickets,

managing hazardous tree and hanger photo documentation, and developing a final data export of all documentation.

Data Manager (August–December 2011)

Dare County, North Carolina | Hurricane Irene Debris Program Management

In response to Hurricane Irene, Mr. Yao oversaw the data entry, tabulation, and organization of collection and disposal data into FEMA-required formats for Dare County. He also assisted Dare County with contractor invoice reconciliation efforts, which required the separation of tickets by funding source (FHWA ER Program versus FEMA PA Grant Program).

Data Manager (September 2008–September 2011)

City of Houston, Texas | Hurricane Ike Debris Program Management

Mr. Yao was responsible for supporting all data management activities associated with the debris collection effort following Hurricane Ike. He helped install a debris management database to track the huge numbers of trucks and debris loads brought to the City of Houston's temporary debris storage and recovery sites.

Data Manager (September 2008–October 2009)

Harris County, Texas | Hurricane Ike Debris Program Management

To assist Harris County with response and recovery efforts following Hurricane Ike, Mr. Yao managed contractor invoice reconciliation and data management activities related to public assistance eligible work. He also provided Harris County with audit support during the Texas Division of Emergency Management audit.

Data Manager (September 2008–September 2010)

City of Galveston, Texas | Hurricane Ike Debris Program Management

On September 13, 2008, Hurricane Ike made a direct hit on the City of Galveston as a top-end Category 2 hurricane with 110 mile-per-hour winds. As a result of Ike's 12–14 foot storm surge and damaging winds, thousands of homes and businesses were destroyed, producing more than 1.2 million cubic yards of debris. As the database specialist, Mr. Yao provided data management and reimbursement support.

Paris Atkinson

Data Management/Billing/Invoice Analyst

Ms. Paris Atkinson is a data manager for Science Applications International Corporation (SAIC). Ms. Atkinson's responsibilities include data management, management of monitoring documentation for the Federal Emergency Management Agency (FEMA), invoice reconciliation, and the use of SAIC's automated debris management system (ADMS). In August 2012, she assisted Lake County, Florida, with the development of a FEMA-compliant disaster debris management plan.

Currently, Ms. Atkinson is working with the State of New Jersey following Hurricane Sandy and is concluding data management for St. John the Baptist Parish following Hurricane Isaac.

Professional Experience

Data Manager (January 2013-Ongoing)

State of New Jersey Department of Environmental Protection | Hurricane Sandy Disaster Debris Management Program

Ms. Atkinson currently serves as data manager following Hurricane Sandy, where she is responsible for the management and data creation of vessel removal tracking in New Jersey waterways, photo management of vessel removals, data management and tabulation, monitoring document compliance, monitoring the removal of vessels in accordance with legal requirements established, and database support for staff.

Data Manager (December 2012)

Jersey City Housing Authority, New Jersey | Hurricane Sandy Disaster Debris Management Program

Ms. Atkinson manages invoice reconciliation, data export creation, data management and tabulation, monitoring document compliance, database support for staff, and reimbursement support.

Data Manager (November 2012-Ongoing)

Borough of Sayreville and the Township of Ocean, New Jersey | Hurricane Sandy Disaster Debris Management Program

As data manager, Ms. Atkinson is responsible for managing hazardous tree and hanger photo documentation, invoice reconciliation, data export creation, data management and tabulation, monitoring document compliance, and database support for staff. She also is responsible for reimbursement support and the training ADMS.

Education

University of Florida
Bachelor of Science,
Psychology, 2005

Key Expertise

- Data Management
- Debris Monitoring Compliance
- Vessel Removal
- Leaner and Hanger removal
- Invoice Reconciliation

Disasters

- 4087 Hurricane Sandy
- 4084 Hurricane Isaac

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Data Manager (November 2012–January 2013)

State of Connecticut; Cities of Greenwich, Milford, New London, Woodbridge, Connecticut; and the Towns of Bethany, Fairfield, Weston, Connecticut | Hurricane Sandy Disaster Debris Management Program

Ms. Atkinson provided invoice reconciliation, data export creation, data management and tabulation, document compliance monitoring, and database support for staff.

Data Manager (September–Ongoing)

St. John the Baptist Parish, Louisiana | Hurricane Isaac Disaster Debris Management Program

Ms. Atkinson is currently serving as data manager, where she provides invoice reconciliation, data export creation, data center management, document compliance monitoring, management of hazardous tree and hanger photo documentation, and database support for staff. Ms. Atkinson is also monitoring data to ensure FEMA compliance in field and the management of ADMS.

Data Manager (September–November 2012)

Jefferson Parish and the City of New Orleans, Louisiana | Hurricane Isaac Disaster Debris Management Program

Ms. Atkinson served as data manager following Hurricane Isaac, where she was responsible for call center management, data center management, document compliance monitoring, management of hazardous tree and hanger photo documentation, database support for staff, and data monitoring to ensure FEMA compliance in field.

Data Manager (July–August 2012)

Clay County, Florida | Tropical Storm Debby Disaster Debris Management Program

Ms. Atkinson was responsible for data entry, tabulation, data management of compliance documentation, and the organization of collection and disposal data.

Jan Pacenta

Certified Public Accountant

Ms. Pacenta has 28 years of experience in tax, audit, and management advisory services. As a partner in Brown, Thornton, Pacenta, and Company, Ms. Pacenta is a certified public accountant and has nine years of experience with Federal Emergency Management Agency (FEMA) disaster recovery operations. She has extensive experience in contractor disaster invoice reconciliation, FEMA compliance monitoring and auditing oversight, and FEMA project worksheet preparations.

Ms. Pacenta has been responsible for the review and approval of contractor's debris invoices for numerous communities following Hurricanes Ivan, Dennis, Katrina, Wilma, Rita, and Ike. She has served as the liaison to FEMA and state compliance officers on disaster reimbursement issues, including Federal Highway Administration (FHWA) issues.

Featured Professional Experience

Principal in Charge

Broward County, Florida | Hurricanes Katrina and Wilma Disaster Recovery Operations

Ms. Pacenta served as principal in charge for Broward County following Hurricanes Katrina and Wilma, where she provided contractor disaster invoice reconciliation, FEMA compliance monitoring and management auditing oversight, and FEMA Project Worksheet preparation. Ms. Pacenta also approved all of the invoices processed for the County during the disaster recovery operations following each hurricane.

Principal in Charge

Monroe County, Florida | Hurricanes Dennis, Katrina, and Wilma Disaster Recovery Operations

Ms. Pacenta served as principal in charge for Monroe County following Hurricanes Dennis, Katrina, and Wilma, where she provided contractor disaster invoice reconciliation, FEMA compliance monitoring and management auditing oversight, and FEMA Project Worksheet preparation. Ms. Pacenta also approved all of the invoices processed for the County during the disaster recovery operations following each hurricane.

Certified Public Accountant

Greene County, Missouri | Ice Storm Disaster Recovery Operations

Ms. Pacenta served as certified public accountant for Greene County, Missouri following an ice storm in 2007. Ms. Pacenta was responsible

Education

Florida State University
Bachelor of Science,
Business Administration -
Accounting

Key Expertise

- Contractor Disaster Invoice Reconciliation
- FEMA Compliance Monitoring and Auditing Oversight
- FEMA Project Worksheets Preparation
- Database Management
- FHWA Reimbursement

Disasters

- 1791 Hurricane Ike
- 1606 Hurricane Rita
- 1609 Hurricane Wilma
- 1602 Hurricane Katrina
- 1595 Hurricane Dennis
- 1551 Hurricane Ivan

Training and Certifications

- Certified Public Accounting - States of Florida and Georgia
- Member of American Institute of Certified Public Accountants
- Member of Florida Institute of Certified Public Accountants

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for contractor disaster invoice reconciliation, FEMA compliance monitoring and management auditing oversight, and FEMA Project Worksheet preparation.

Certified Public Accountant

State of New York | Ice Storm Disaster Recovery Operations

Ms. Pacenta served as certified public accountant for the State of New York following an ice storm in 2006. Ms. Pacenta was responsible for contractor disaster invoice reconciliation, FEMA compliance monitoring and management auditing oversight, and FEMA Project Worksheet preparation.

Certified Public Accountant

State of Connecticut | Winter Storm Alfred Disaster Recovery Operations

Ms. Pacenta served as certified public accountant for the State of Connecticut following Winter Storm Alfred, where she was responsible for contractor disaster invoice reconciliation, FEMA compliance monitoring and management auditing oversight, and FEMA Project Worksheet preparation.

Paul Barrett

Certified Public Accountant/Senior Manager

Mr. Barrett has been a certified public accountant for 15 years and is currently with the firm Brown, Thornton, Pacenta, and Company. He has extensive experience in tax, audit, management advisory services, and the development and consulting on accounting information systems. Mr. Barrett has been responsible for contractor electronic data and invoices followed by the preparation of invoice reconciliations and project closeouts for Hurricanes Ivan, Dennis, Katrina, Wilma, Rita, and Ike. He has also been responsible for the draft and review of retainage release reconciliations and close out letters for numerous municipalities. He has participated in meetings and facilitated exchanges of information between contractors and municipalities, participated in database design discussions to satisfy project requirements, and served as a database operations supervisor for the debris invoice reconciliation process.

Featured Professional Experience

Financial Consultant and Invoicing Analyst

Miami-Dade County, Florida | Hurricane Wilma Disaster Recovery Operations

Mr. Barrett assisted Miami-Dade County following Hurricane Wilma, where he provided financial consulting and contractor disaster invoice reconciliation throughout the disaster recovery operations.

Invoicing Analyst

Monroe County, Florida | Hurricane Wilma Disaster Recovery Operations

Mr. Barrett served as invoice analyst for Monroe County, Florida following Hurricane Wilma, where he was responsible for contractor disaster invoice reconciliation and FEMA allocations throughout the disaster recovery operations.

Education

Florida State University
Bachelor of Science,
Business Administration -
Accounting

Key Expertise

- Contractor Disaster Invoice Reconciliation
- MEMA FEMA IT Audit Compliance
- Preparation and Closeout of Debris Projects
- Access Database Development
- IT Process Design and Implementation

Disasters

- 1791 Hurricane Ike
- 1606 Hurricane Rita
- 1609 Hurricane Wilma
- 1602 Hurricane Katrina
- 1595 Hurricane Dennis
- 1551 Hurricane Ivan

Training and Certifications

- Certified Public Accounting - State of Florida
- Member of Florida Institute of Certified Public Accountants

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Craig Perrin

Senior Staff Accountant

Mr. Perrin has eight years of experience as a senior staff accountant with Brown, Thornton, Pacenta, and Company. He has extensive experience in professional accounting services, including corporate tax, individual tax, estate tax, gift tax, sales tax, business valuations, audits, reviews, compilations, payroll, and litigation support, in addition to Federal Emergency Management Agency (FEMA) disaster recovery operations.

Mr. Perrin has been responsible for contractor electronic data and invoices followed by the preparation of invoice reconciliations and project closeouts for Hurricanes Ivan, Dennis, Katrina, Wilma, Rita, and Ike. He has also been responsible for the draft and review of retainage release reconciliations and closeout letters for numerous municipalities. He has participated in meetings and facilitated exchanges of information between contractors and municipalities, and has participated in database design discussions to satisfy project requirements.

Featured Professional Experience

Senior Accountant

City of Buffalo, New York | Ice Storm Disaster Recovery Operations

Mr. Perrin served as senior accountant for the City of Buffalo, New York following an ice storm in 2006. Mr. Perrin was responsible for contractor disaster invoice reconciliation, FEMA auditing oversight, and FEMA Project Worksheet preparation.

Certified Public Accountant

State of Connecticut | Winter Storm Alfred Disaster Recovery Operations

Mr. Perrin served as senior accountant for the State of Connecticut following Winter Storm Alfred, where he was responsible for contractor disaster invoice reconciliation, FEMA auditing oversight, and FEMA Project Worksheet preparation.

Education

University of West Florida
Bachelor of Science,
Business Administration -
Accounting

Key Expertise

- Contractor Disaster Invoice Reconciliation
- Preparation and Closeout of Debris Projects
- Access Database Development
- Audit and Litigation Support

Disasters

- 1791 Hurricane Ike
- 1606 Hurricane Rita
- 1609 Hurricane Wilma
- 1602 Hurricane Katrina
- 1595 Hurricane Dennis
- 1551 Hurricane Ivan

Training and Certifications

- Member of Florida Institute of Certified Professional Accountants
- Member of the Pensacola Young Professionals

Thomas Alter

Geographic Information System (GIS) / Quality Assurance / Quality Control

Mr. Alter is a geographic information system (GIS) analyst with four years of experience. He is experienced in creating 3D maps using LIDAR (elevation) imagery, geospatial analysis, and the application of GIS for cartography. Mr. Alter has been an integral part of SAIC's response to disasters over the past few years such as Winter Storm Alfred and Hurricanes Irene, Isaac, and Sandy. Mr. Alter frequently uses GIS applications to support damage assessments, debris pass completion maps, debris management plan development, zone and maintenance map development, debris management site analysis, mileage calculations, and geospatial analysis for quality assurance / quality control (QA/QC).

Mr. Alter has produced standard operating procedures and training documentation for junior department staff. He has also provided front-end coding and graphics design for multiple corporate clients.

Professional Experience

GIS Analyst

New Jersey Department of Environmental Protection, New Jersey | Disaster Management Support Services

Following Hurricane Sandy, SAIC was tasked by the New Jersey Department of Environmental Protection (NJDEP) with monitoring the recovery of abandoned vessels in Monmouth County and Ocean County. A key component of the project was determining if an abandoned vessel was located on state maintained land or private property. As a result, Mr. Alter developed maps with layers identifying the waterways and state maintained land in relation to the abandoned vessels. Mr. Alter also worked on identifying the navigable waters to develop mileage calculations for contract invoicing purposes.

GIS Analyst

Jefferson Parish, Louisiana | Disaster Management Support Services

Hurricane Isaac struck the State of Louisiana in late August 2012 and generated storm related debris in Jefferson Parish. SAIC was engaged by the Parish to provide program management and monitoring services. Mr. Alter supported the project by developing zone maps and pass completion maps. These maps were critical in identifying the areas in need of debris removal. Mr. Alter also used geospatial analysis to identify which load tickets were eligible for reimbursement under the

Education

George Mason University
Bachelor of Science,
Information Technology,
2010

*Concentration in Web
Development and Graphics
Design*

Key Expertise

- Lidar/Elevation Data Extraction
- Cartography
- ArcGIS, ArcCatalog, ArcView
- GeoWeb3d
- HTML, JavaScript/jQuery
- Flash, ASP.NET, HTML5
- Adobe Creative Suite
- Microsoft Sharepoint

Disasters

- 4106 CT Winter Storm
- 4087 Hurricane Sandy
- 4084 Hurricane Isaac
- 4024 Hurricane Irene

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Federal Highway Administration Emergency Relief (FHWA-ER) Program.

GIS Analyst

State of Connecticut | Disaster Management Support Services

Winter Storm Alfred struck the State of Connecticut in October of 2011. The strong winds and ice associated with the storm generated significant amounts of debris and hazardous trees. SAIC was activated by the Connecticut Department of Transportation as well as 15 local governments that chose to use the State's contract with SAIC. Mr. Alter assisted by developing zone maps and conducting QA/QC of ticket data using geospatial analysis. Mr. Alter also supported FHWA-ER reimbursement by conducting geospatial analysis to identify debris removed from FHWA-ER eligible road segments.

GIS Analyst

Connecticut Department of Transportation | Disaster Management Support Services

Hurricane Irene struck the State of Connecticut in late August 2011, causing extensive damage to the greater part of the state. SAIC conducted damage assessments and monitored the removal of debris from over 30 locations throughout the state. Mr. Alter assisted in plotting the locations of load tickets to determine whether each load was eligible for FHWA-Emergency Relief (FHWA-ER) or Federal Emergency Management Agency (FEMA) Public Assistance (PA) reimbursement.

GIS Analyst

Virginia Department of Transportation (VDOT) – Hampton Roads District | Disaster Debris Program Management

Hurricane Irene caused extensive wind and flood damage in the State of Virginia. The VDOT Hampton Roads region experienced significant damage requiring between 6,000 to 8,000 eligible roads miles to be surveyed for emergency push clearance and debris removal. Mr. Alter assisted with mapping debris removal progress by using GIS software and plotting the locations of load tickets for FHWA-ER and FEMA reimbursement purposes.

Amy Sands

Environmental Specialist

Ms. Sands is currently part of SAIC's Gulf Coast Office's (GCO) National Environmental Policy Act (NEPA) project team. She has over 8 years of experience as an environmental specialist and is familiar with federal and state environmental regulations. During her career, Ms. Sands has prepared environmental assessments (EA), environmental impact statements (EIS), records of environmental consideration, environmental baseline surveys, environmental baseline documents (EBD), and master planning and real estate environmental documentation. Ms. Sands has working experience with Department of Defense (DoD) mission activities, federal and state environmental laws and DOD instructions, and subsequent assessment of environmental impact analyses. She has experience in developing flexible mission alternatives and mitigation strategies that satisfy regulatory and environmental permitting requirements as well as meet NEPA compliance. Ms. Sands also has project management experience with environmental impact analyses in support of DOD mission activities. Additionally, Ms. Sands has experience with Department of Housing and Urban Development (HUD) environmental requirements.

Prior to joining SAIC, Ms. Sands helped ensure environmental aspects were incorporated into Fort Bragg's planning and operations. She assisted in the preparation of NEPA analyses and documentation in accordance with new Army regulations as well as reviewed and provided comments on environmental assessments and related environmental documents. Ms. Sands also reviewed and inspected construction activities, field training operations, and real estate projects for compliance with NEPA and related laws/regulations.

Ms. Sands prepared records of environmental consideration, environmental assessments, master planning, and real estate environmental documentation. She also performed geographical data acquisition, interpretation, analysis, and presentation using GIS for environmental documents and various meetings with clients.

Professional Experience

- Project Manager, Environmental Assessment for the Camp James E. Rudder Master Plan at Eglin AFB, FL – June 2005
- Project Manager, Environmental Assessment for the Construction of a Motorcycle Training Area and Multi-Use Concrete Slab, Bldg. 721, Eglin AFB, FL – February 2006

Education

University of Denver
Master of Applied
Science, Environmental
Policy and Management,
2007

University of North
Carolina
Bachelor of Science,
Environmental Studies,
2002

Key Expertise

- Environmental Assessments
- Environmental Impact Studies
- Environmental Baseline Surveys
- Project Management
- NEPA Compliance

Training and Certifications

- Certified in Army Corps of Engineers 1987 Manual, Interim Regional Supplement, and Florida Statewide Wetland Delineation
- Boat U.S. Foundation Boating Safety Course Certified

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- Project Manager, Environmental Assessment for the Construction of a Precision Measurement Equipment Laboratory (PMEL), Eglin AFB, FL – September 2006
- Project Manager, Environmental Assessment for the Construction of an Addition to Support the Joint Strike Fighter Reprogramming Facility, Building 614, Eglin AFB, FL – January 2007
- Project Manager, Update Five Environmental Baseline Documents, Eglin AFB, FL – February 2007
- Marine Mammal Observer, Bottlenose Dolphin Species Density Surveys, Naval Submarine Base Kings Bay – 2005-2008
- Deputy Project Manager, Eglin BRAC 2005 Environmental Impact Statement, Eglin AFB, FL – October 2008
- Project Manager, Test Area B-70 Range Environmental Assessment Update; Test Area C-80 Range Environmental Assessment Update; Electromagnetic Radiation Range Environmental Assessment Update, Eglin AFB, FL – December 2009
- Project Manager, Interstitial Range Environmental Assessment Update; Landing Zones Environmental Baseline Document; Range Roads Maintenance Environmental Baseline Document; and Range Roads Maintenance Range Environmental Assessment , Eglin AFB, FL – Current
- Project Manager, Test Area B-70, Test Area C-64, Test Areas B-71 and B-82, and Santa Rosa Island Range Environmental Assessments, Eglin AFB, FL – Current
- Project Manager, Test Area C-72 and Overland Air Operations Range Environmental Assessments, Eglin AFB, FL – Current
- Deputy Project Manager, Eglin BRAC Supplemental Environmental Impact Statement, Eglin AFB, FL – Current

SECTION D

Technical Approach

Disaster Debris Monitoring and Management Approach

Science Applications International Corporation (SAIC) will provide disaster debris monitoring and management services to Broward County (County) in accordance with local, state, and federal standards.

SAIC understands that the Sandy Recovery Improvement Act calls for the Federal Emergency Management Agency (FEMA) to maximize efficiencies. SAIC is on the cutting edge of applying efficiencies in our current projects, including the automation of debris ticketing for both land operations and waterway debris removal activities.

SAIC's automated debris management system (ADMS), RecoveryTrac™, is a state-of-the-art technology used to streamline the debris collection process and reduce the tremendous volume of paperwork associated with traditional monitoring programs. SAIC's RecoveryTrac™ project management tools provide real-time project metrics that allow a local and state governments to properly manage their cost and project schedule while maximizing efficiencies.

SAIC's RecoveryTrac™ has increased efficiency and improved the management of debris removal efforts for multiple clients, including the City of Sioux Falls, South Dakota (Ice Storm 2013); New Jersey Department of Environmental Protection – Marine Debris Removal Program (Hurricane Sandy); City of Newark, New Jersey (Hurricane Sandy), Borough of Sayreville, New Jersey (Hurricane Sandy); St. John the Baptist Parish, Louisiana (Hurricane Isaac); and the City of Houston, Texas (Texas Drought and Wildfires). *SAIC will work with Broward County to identify a temporary debris management site (TDMS) monitoring solution that can integrate use of ADMS and paper-based systems to best suit Broward County's needs.*

SAIC has been at the forefront of rapid changes in the debris monitoring industry, pioneering new methods and technology that can implement the industry's guidelines and standards in a more efficient and cost-effective manner.

Key Components of RecoveryTrac™ ADMS

SAIC's RecoveryTrac™ ADMS is composed of three applications and a sound, reliable infrastructure, providing a scalable and capable debris management solution that is fully compliant with the U.S. Army Corps of Engineers (USACE) ADMS specification. Key components of the system are depicted in the exhibit below.

Exhibit D-1: RecoveryTrac™ Key System Components and Features



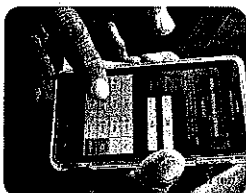
Infrastructure

- Hardened data center/tier 1 provider
- Scalable and capable of supporting the largest of activations
- Housed in a secure data center in a geographically and environmentally stable region of the United States
- Redundant power systems and internet connectivity



Desktop

- Provides the setup, configuration, invoice reconciliation, management, and monitoring of the system
- Setup and security administration and system monitoring
- Contractor invoice management and reconciliation
- Document imaging and workflow management
- Continuous running background process that monitors for possible fraud and immediately notifies operations center for investigation



Mobile

- Field automation of the data collection process, including time stamping, global positioning system (GPS) positioning, and photo documentation
- Ability to operate in connected and disconnected modes
- Available functions: load tickets, unit rate tickets, incident reports, truck certification, haulout tickets, survey tickets, and field management mode



Geospatial

- Sophisticated secure geospatial-based solution for data visualization, analyzing, and reporting
- Brings the power of geographic information system (GIS) reporting without the complexity or end-user training required for use with the ability of on demand customized mapping services
- Contractor assignment and performance monitoring; damage assessment collection, tracking, and resolution management; HAZUS-MH damage estimation and modeling

Pre-event Planning

SAIC understands that pre-event planning/disaster preparedness is as important as disaster recovery. SAIC offers Broward County the expertise of one of the industry's premier project managers, Ms. Anne Cabrera. Ms. Cabrera has over eight years of disaster debris monitoring experience and has been actively involved with every tropical weather event since Hurricane Wilma. *Ms. Cabrera is also a Broward County resident* and can be available to the County within minutes.

With Ms. Cabrera's local representation, SAIC's entire team will have a keen insight into any challenges or protocols unique to Broward County. Ms. Cabrera will be available to the County, as requested, to support the development of disaster debris management plans and provide training sessions to County staff. In addition, Ms. Cabrera will work with the County and its debris removal contractors to prepare for activation. SAIC project managers will complete the following activities in preparation for a storm:

- Review TDMS locations and permits.
- Review arrangements with the Florida Department of Transportation (FDOT) and the Florida Department of Environmental Protection (FDEP).
- Update GIS data.
 - Exhibit understanding of private roads and FDOT responsibilities.
 - Review areas of critical concern and primary debris removal routes.
- Review of SAIC forms, databases, and invoicing to ensure they are compatible with County software and approved by County personnel.

SAIC's proposed project manager, Ms. Anne Cabrera, is a Broward County resident. This allows SAIC the unique ability to respond immediately to the County's needs; Ms. Cabrera will be available to the Broward County year-round.

- Review debris removal contracts.
- Develop or update pre-scripted press releases.

In addition, SAIC has a strong planning team that has assisted Broward County with various tasks since 2008. Mr. Chuck McLendon, Ms. Kerri O'Dell, and Ms. Anne Cabrera assisted the Solid Waste and Recycling Services Division with a countywide site study of potential debris management sites that included coordination meetings with six regions of municipalities as well as other Broward County agencies. Mr. Ralph Natale, Mr. Oliver Yao, and Ms. Anne Cabrera have worked on sample work authorizations for various county agencies and conducted a training session for Broward County's Highway and Bridge Maintenance Division. Mr. Oliver Yao has spearheaded the development of Broward County's Debris Management Center's Standard Operating Procedures and has overseen a yearly update of the County Debris Management Center Plan. SAIC understands that preparation is critical to effectively and efficiently respond to a disaster.

Disaster Debris-Generating Event Operational Plan

Exhibit D-2 outlines the time line, tasks, and deliverables associated with response to disaster debris-generating events. The operational plan addresses preparedness, response, and recovery activities. This is our standard operational plan, but SAIC tailors the operational plan to the actual event.

Exhibit D-2: Disaster Debris-Generating Event Operational Plan

Time	Task	Deliverables/Milestone
Preparedness		
H-96	Review capabilities and ensure adequate resources	<ul style="list-style-type: none">• Contact the County and initiate a communications schedule.• Review the County's debris plan and prepare assets for activation.• Discuss providing Anne Cabrera to the Emergency Operations Center (EOC) or Debris Management Center (DMC).
H-72	Execute responsibilities and activate contracts	<ul style="list-style-type: none">• Review County protocols• Run initial models to estimate impact and resource needs.• Anne Cabrera responds to County EOC/DMC or other designated location
H-48	Monitor storm track and continue preparations	<ul style="list-style-type: none">• Continue communications with Broward County staff.• Confirm staging location to mobilize resources.• Prepare project assets and begin base camp logistics coordination.
H-24	Prepare final reports	<ul style="list-style-type: none">• Certify emergency road clearance equipment (in coordination with the debris removal contractor).• Coordinate documentation of emergency push activities.
H-0	ARRIVAL OF NOTICE EVENT/INITIATE RESPONSE TO NO-NOTICE EVENT	
Response		
H +24	Emergency push	<ul style="list-style-type: none">• Begin 70-hour emergency push and restore critical roadway passage.• Document time and materials.• Coordinate with County staff to conduct preliminary damage assessments.• Begin recruiting and training monitors.• Initiate TDMS opening including coordination with interlocal agreement municipalities.
H +48	Emergency push/	<ul style="list-style-type: none">• Continue emergency push.

Time	Task	Deliverables/Milestone
	damage assessment	<ul style="list-style-type: none"> Continue preliminary damage assessment. Develop debris cost estimate for the County.
H +72	Disaster debris vehicle certification/ site preparation	<ul style="list-style-type: none"> Certify disaster debris vehicles. Construct TDMS towers and establish site flow. Conduct training/safety sessions for monitors. Open public drop-off sites (if requested).
H +96	Begin debris collection monitoring	<ul style="list-style-type: none"> Assign monitors to trucks and loading units. Assign supervisors to monitors. Meetings with all stakeholders as requested. Set up of RecoveryTrac™ command center.
Recovery		
Week 1+	Right-of-way (ROW) debris collection monitoring	<ul style="list-style-type: none"> Continue ROW debris collection. Issue daily reports/GIS maps. Hold daily meetings with the County and debris removal contractor as required. Provide citizens debris management hotline (if requested). Determine which special projects are required (hazardous trees, waterway debris removal, private property debris removal, etc.) and prepare eligibility request.
Week 1+	Documentation management	<ul style="list-style-type: none"> Provide ADMS reports real-time monitoring access. Review truck metrics and inefficiencies provided by RecoveryTrac™. Initiate weekly reconciliation and billing to municipalities.
Week 2+	Special projects	<ul style="list-style-type: none"> Monitoring the removal of hazardous trees (leaners/hanger/stumps). Waterway debris removal. Private property debris removal. Public drop-off sites.
Project completion	Document turnover	<ul style="list-style-type: none"> Provide electronic database. Release hard copy files. Assist the County with long-term reimbursement.

Response Activities

Push Period

The 70-hour push period begins immediately following an event. Debris removal contractors or County crews must clear blocked roadways for emergency vehicle passage.

SAIC is prepared to assist during the push period by providing the following services:

- Documenting blocked roads that require immediate clearance
- Administering the sign-in and sign-out of labor and equipment to track time and materials charges
- Helping staff maintain maps or databases to track road clearance progress and other essential tasks, as requested
- Maintaining documentation for reimbursement of 70-hour push work

Damage Assessment and Debris Estimates

Our approach to damage assessment begins with the FEMA 329 guidelines and the SAIC project manager coordinating with the end users' debris manager or other assigned individuals to identify the specific damage assessment services requested (for example, debris-related, structures, and utilities).

To adequately plan and mobilize for a debris removal project, it is critical to understand how much disaster debris may be generated, SAIC will use the following disaster debris estimating methods:


- USACE debris estimating model
- Historical debris totals
- HAZUS-MH application
- ADMS Debris Survey Tool
- Drive-by parcel survey
- Flyover

Map of Daily Activity [Click here to show an overlay on Google Earth](#)

Project Activity Detail: N/DEP WATERWAYS DEBRIS REMOVAL PROGRAM

Activity No.	Status	Priority	Date	Sub Zone	Truck No	Location	Reporting Monitor
00-2013-43466	Active	Normal	03/09/2013 4:41 PM			OBSERVATION DECK S BAY AVE	FREDERIC MILLER (8112965)
00-2013-33485	Active	Normal	03/09/2013 4:09 PM			GATEWAY NATIONAL DEBRIS REMOVAL AREA	FREDERIC MILLER (8112965)

SCATTERED DEBRIS ON SHORE FOR ABOUT 150 YARDS






SAIC's ADMS Debris Survey Tool allows field monitors to mark debris locations, take photographs, and estimate debris identified in the field to support Broward County's damage and debris estimates.

SAIC Field Monitor Training Program

In compliance with the Robert T. Stafford Act and FEMA regulations, SAIC gives first priority to using resources located within the disaster area. Typically, 90 percent of our project staff is hired from the local community. Field monitors are responsible for properly documenting eligible disaster-related debris. The proper documentation of disaster debris is a critical step in mitigating issues with federal reimbursement. We take training very seriously, all field monitors, TDMS monitors, supervising monitor, electronic ticket managers must complete specific training sessions.

To properly instruct new field monitors, SAIC has developed intense training session that is delivered by experienced trainers. These training modules provide the information required to facilitate accurate field monitoring and include qualifying tools to ensure the retention of the material. This will help SAIC select and promote the most qualified personnel for the monitoring task.

		
Management and Administration	Field Documentation	Specialized Debris Programs
Field Supervisor	Truck Certification	Stump Monitor
Operations Manager	Collection Monitor	Backfill Monitor
Project Coordinator	Disposal Monitor	Waterways Monitor
Electronic Ticket Manager		Leaner/Hanger Monitor

Upon completion of the training program, a newly hired SAIC field monitor is fully educated on his or her monitoring position. Training includes FEMA 325 and 327 guidance, complete documentation for the task, health and safety guidance, and fraud prevention information.

Health and Safety

SAIC implements a variety of tools and resources to promote workplace safety. Prior to the commencement of field operations, the project manager will work with an SAIC Health and Safety Officer to develop and implement a Broward County-specific Health and Safety Plan (HASP). As part of the Broward HASP, the project manager will conduct Activity Hazard Analysis (AHA) to identify monitoring tasks and mitigate hazards that may be presented by such tasks in the field. The Broward County HASP will also identify required personal protection equipment (PPE) to be issued and used by employees on the project.

During the SAIC field staff training process, field staff will be trained on the Broward HASP and AHA to promote workplace safety. Additionally, SAIC uses WorkCare, Inc. for early incident intervention. WorkCare provides SAIC staff with around-the-clock telephone access to a clinical staff of nurses and physicians who can provide direction on the appropriate treatment approach when a non-life threatening or non-emergency injury occurs on the job. SAIC also conducts daily "tailgate" or "toolbox" safety briefs to promote workplace safety. Daily safety briefs are conducted by the project manager or field operations manager and cover the following:

- Lessons learned from the previous day of work
- Weather summary for day
- Training summary for the day that reinforces a project relevant safety topic

Disaster Debris Vehicle Certification

Disaster debris vehicle certification (or truck certification) establishes a volumetric capacity for each collection vehicle used during a debris removal project. Minor errors in truck certification measurement and calculation can result in substantial volumetric and cost discrepancies as well as reimbursement challenges.

SAIC's ADMS technology eliminates human error and additional calculation checks that are typically required in traditional pen and paper truck certifications. *SAIC's automated truck certification process reduces the time to certify trucks while increasing the efficiency and accuracy of the process.*

RecoveryTrac Truck Certification Audit Report							Date: 5/6/2013
BOROUGH OF SAYREVILLE - SANDY - ROW COLLECTION - Truck Certification Summary							
	Total Trucks Certified	Total Certified Capacity	Avg Certified Capacity				
Contractor: ASHBRIIT	19	1142	60.11				
Totals:	19	1142	60.11				
BOROUGH OF SAYREVILLE - SANDY - ROW COLLECTION - Project Truck Certification Details							
Contractor: ASHBRIIT							
Sub-Contractor 1: D&J							
Sub-Contractor 2	Truck No.	Capacity	Cert Date	Status	Vehicle Tag	Vehicle Type	Vehicle Features
ENIA	045579	82	12/03/2012 2:15 PM	ACTIVE	PH 9649 (0A)	SELF-LOADING TRUCK	
Primary Box (L x W x H): 203x100x100 = 2192400 Cu Inches (+)							
Type: Other (L x W x H): 60x100x70 = 486000 Cu Inches (+)							
Type: Other (L x W x H): 62x100x30 = 235600 Cu Inches (+)							
Total Volume: 2885000 Cu Inches (M6,656) = 62.07 Cu Yds							
Driver-Placard View		Side View		Back-Interior View		Front View	

SAIC's disaster debris vehicle certification procedure includes the following:

- Real-time audits as certified trucks are uploaded and reviewed by a data manager immediately addressing any issues identified
- Automated truck certification form, which includes the latest FEMA guidelines on truck certification documentation and volume calculations and includes a bar code for automated ticket scanning
- Special vehicle notations on the truck certification form and vehicle placard, which inform tower monitors of sideboards, tailgates, or other modifications, thus discouraging debris removal contractors from fraudulently altering vehicles after certification
- Photographs of vehicles, vehicle cavities, and drivers
- Periodic spot checks and recertification of trucks to identify trucks altered after initial certification

Daily Field Monitor Operations

SAIC's industry leading approach to ADMS technology in debris monitoring allows the County to have real-time access and visibility into field operations. SAIC's ADMS technology allows the County to view debris collection points, truck locations, monitor locations, damages and incidents, and daily metrics at any given time. The additional geospatial reporting capabilities are made possible through SAIC's approach to field monitoring.

At each debris collection point, the field monitor marks the "waypoint" or location of the debris pile to collect GPS coordinates. The map below displays the waypoints associated with each collection ticket that was issued in the field. The waypoint collection report is updated in real time and can be filtered by date.

Exhibit D-3: Waypoint Collection Map

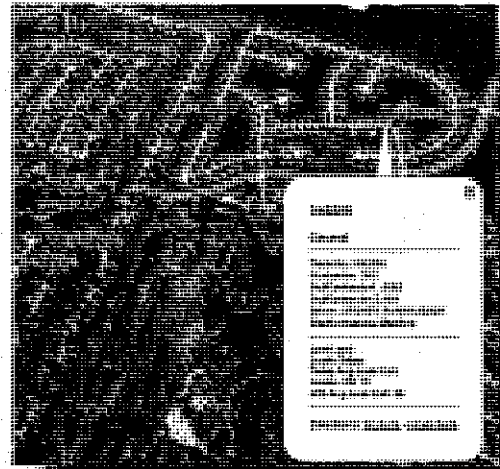


An additional feature of SAIC's ADMS technology is that each handheld regularly reports back the location of the device. By leveraging this location information, the County has the ability to view monitor locations and truck locations in real-time.

Exhibit D-4: Monitoring Locations



Exhibit D-5: Truck Locations



The bullets below highlight various aspects of SAIC's debris removal program.

- **Operations.** Field monitors report to a staging location for a daily project briefing to be given by the project manager, field operations manager, or electronic ticket manager. At this time, field monitors are also issued PPE (for example, hard hats, safety glasses, safety vests, or other applicable PPE), map books, and ADMS equipment is dispatched. Monitors report to the field operations manager for assignment.
- **Deployment.** A field monitor is assigned to one loading unit or leaner and hanger crew. In instances where leaner and hanger crews have multiple saw operators the cut crew can request the addition of a monitor (this typically happens when a cut crew can complete over 60 hazards removed in a day using a paper-based ticket system). *ADMS technology decreases the need for additional staff to support the paperwork required during hazardous tree work.*
- **Field supervision.** Responsibilities of the supervising monitor include training, quality assurance/quality control (QA/QC) of work being performed, verifying ticket accuracy, and responding to field monitor and debris contractor issues in the field. SAIC will deploy 1 supervising monitor for every 7 to 10 monitors working (dependent on span of control).
- **Electronic ticket manager.** An electronic ticket manager will replace the role of supervising monitor during ADMS deployments. Electronic ticket managers will not only have the same responsibilities as a supervising monitor (listed above) but will be responsible for field device support and ADMS (QA/QC). All electronic ticket managers will complete specialized training and have the skill set to immediately respond providing efficiency to the project. SAIC will deploy 1 electronic ticket manager for every 7 to 10 monitors working (dependent on span of control).
- **Responsibilities.** Field monitors will verify the proper loading of debris into the debris removal contractor's certified loading container. The documentation will track the debris from point of origin to final disposal. Monitors will document that contractors adhere to local, state, and federal regulations. Field monitors often notice inconsistencies with debris removal procedures and submit them to their supervisors. If a debris monitor feels there is justifiable need to stop operations, the monitor is instructed to refrain from issuing a ticket until the debris hauler supervisor and an SAIC supervising monitor/electronic ticket manager can be called in to determine the appropriate action.

- **Work scheduling.** SAIC will coordinate with the debris removal contractor's project manager to estimate the number of field monitors that will be required for the following day. *To be responsive and mitigate overstaffing, SAIC requests that the debris hauler release the next day's schedule by 6:00 p.m. This will make certain the appropriate number of field monitors is dispatched.*
- **Daily closeout.** At the close of operations each day, all field and TDMS monitors will report to the staging area to clock out and turn in their ADMS handheld units.
- **Contractor completion.** SAIC will assist the County in completing the project efficiently and within their timelines. There are many aspects of debris removal that are outside of the monitoring firm's control but will still need to be managed. SAIC will assist the County with managing the following:
 - The ability of a debris contractor to respond with sufficient equipment for the proposed schedule. SAIC will provide burn rate analysis to verify the proper equipment is being provided. The analysis will be adjusted as more accurate debris estimates are available.
 - Leapfrogging by the contractor (cherry picking work being performed) is detrimental to the efficiency of operations and will be reported.
 - Invoices by the contractor need to be produced in a timely manner so that SAIC can reconcile in the 120-day post work time period. SAIC will work to make the contractors aware of an appropriate time frame for invoicing and will communicate with the County if deadlines are not being met.
 - Deadlines for collecting debris are set to correspond with the work schedule that is based on estimated work to be completed.

Temporary Debris Management Site Monitoring

SAIC's experience with state and federal closeout audits influenced the development of a complete and specific approach to documenting, permitting, and monitoring TDMS locations throughout our clients' jurisdictions. Examples of specific approaches relative to TDMS monitoring and support are identified below.

TDMS Multiagency Use. SAIC understands that depending on the severity of the disaster or the ability of debris contractors of surrounding cities' to identify TDMS, many of the County's 31 municipalities may utilize a County TDMS. SAIC has extensive experience managing operational and invoicing requirements necessary when multiple applicants utilize the same TDMS and has worked with Broward County to make sure our database systems interface with County billing systems for ease of invoicing.

SAIC is currently developing an ADMS application to allow us to electronically track multiple agencies' disposal at a single site, regardless of which ticketing system (paper or ADMS) the agency initiating collection of the debris is using.

TDMS Environmental Monitoring. For the duration of the project, SAIC can gather data for use in the remediation and closeout of TDMS locations. Post-closure data will be compared to previous data points to identify remediation actions necessary to restore the site to its original condition.

TDMS Monitoring. SAIC will provide a minimum of two TDMS monitors per TDMS. Staffing numbers may also increase or decrease based on site layout. SAIC's focus is to validate the workflow that passes through the TDMS and that the documentation remains accurate and complete. TDMS operations generally coincide with daylight hours, but special circumstances may require the site to stay open past dusk. SAIC is prepared to provide 24-hour monitoring and understands that proper lighting must be provided to make load calls. Specific documentation kept by SAIC's TDMS monitors include the following:

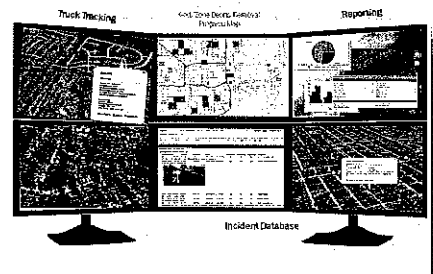
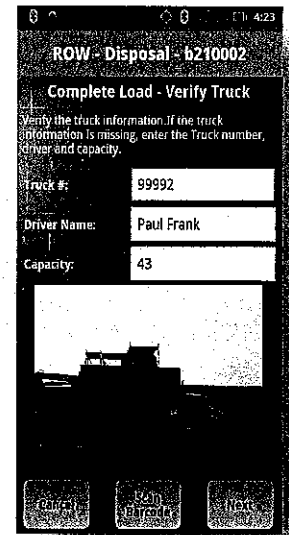
- **Load ticket.** The load ticket (electronic or paper) is used to document debris removal.
- **Disposal monitor log.** The TDMS monitor log is used as backup documentation for both electronic and handwritten debris tickets (and serves as a fail-safe if any documentation is missing).
- **Scale manifest tickets.** SAIC will digitize and catalog tickets generated by the existing scales at the County's TDMS.
- **Photographic documentation.** SAIC disposal supervisors will photograph a TDMS frequently to create a visual timeline of the site.
- **QA/QC of field tickets.** TDMS monitors must review and correct errors made by field monitors.

Fraud Prevention. Several SAIC practices are used at TDMS locations to prevent debris haulers from committing fraud. *SAIC's automated technology provides a photograph of the truck as it was when certified for a TDMS monitor to review and certify.* This ensures the truck that was certified did not replace its placard or change its certification metrics.

TDMS monitors or supervising monitors will occasionally recertify a previously certified truck at random. Spot testing the truck certifications helps verify that the original work was accurate and that nothing has been altered since certification. ADMS technology shows the TDMS monitor a picture of the truck as a ticket is scanned. This makes it nearly impossible for a debris hauler to switch truck certifications between trucks.

Quality Assurance/Quality Control Program

Implementing sound QA/QC protocols and technologies is critical to a debris monitoring effort. Proper QA/QC protocols reduce the amount of work associated with back-end data management, reduces invoice reconciliation timeframes, prevents fraud, and establishes a sound dataset for future audits. Through SAIC's years of experience assisting local governments with recovering from disasters and the subsequent audits, SAIC has developed industry leading QA/QC standards and protocols. The use of SAIC's ADMS technology expedites the QA/QC process and virtually eliminates ticket errors that can result from traditional paper and pen debris



monitoring operations. Due to the real-time reporting and additional information collected by SAIC's ADMS technology, SAIC can establish a virtual command center to audit project information as it is collected.

Hazardous Tree Removal

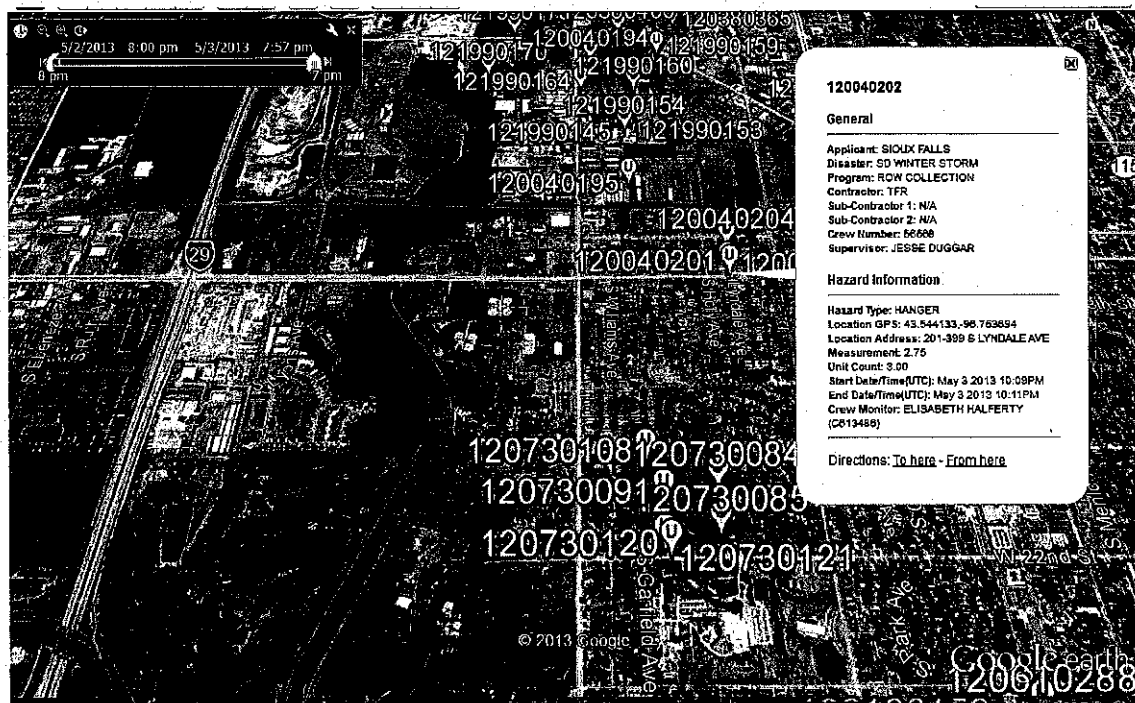
Guidance established in FEMA 325 and 327 requires supporting photo documentation for each ticket issued for hazardous tree or hanger removal services. The previous standard for monitoring firms was to take supporting photographs with a digital camera and to manually associate the photos to each tree ticket. SAIC can utilize our ADMS technology to document all hazardous tree and hanger removal operations. Additionally, SAIC's ADMS technology and software is designed to manage photo documentation by compressing and securely storing photos so they are ready for field validations and audit in real-time. The ability to associate photo documentation to unit rate tickets is critical for FEMA reimbursement, QA/QC, and fraud deterrence.

As work in the field is completed, the information and supporting photos are uploading directly into our database for QA/QC checks. A data manager verifies that the photographs are compliant to FEMA regulations and that all measurements meet the County's contractual agreement with the contractor.

Unit Rate Ticket Report

As monitors complete unit rate tickets for hazardous trees or hangers, their locations are logged and collected. The map below displays locations where hazardous tree or hanger removals were documented in the field. Clicking on the marker allows the user to review the data that was collected by the field monitor (see example below). The unit rate ticket report is updated in real-time.

Exhibit D-6: Unit Rate Ticket Map



notice. *The on-hand inventory can be on-site and ready to use within 24 hours of a notice to proceed* and additional needs can be met quickly (in most cases, 72 hours or less).

Simple and Intuitive. A key foundation of our mobilization strategy is the ability to quickly hire and train local residents and begin debris removal operations. The mobile application is simple to understand and intuitive, allowing most users to begin using the device once the standard monitor training is completed.

Cost Effective. Based on widely available commercial equipment and simplicity in operations, RecoveryTrac™ balances the need and advantage for automation with controlling costs to our customers.

Reliable and Stable. Based on the Android operating system, RecoveryTrac™ is secure and ultra reliable. This minimizes the interruptions in field operations due to technical difficulties and reduces the number of support personnel required to maintain the system.

Technical Support. RecoveryTrac™ is designed to be self-repairing when possible; most support needs are resolved by electronic ticket managers (who are, in most cases, able to reach field monitors within 15–30 minutes). We have dedicated technicians at disposal sites and provide a field depot maintenance and repair center to maintain and repair equipment.

Real-Time Reporting. The key to successful management of a debris project is the timely availability of relevant information needed to make sound decisions and respond to anomalies before they become issues. SAIC's powerful reporting engine allows the user to assign and monitor contractor performance, track damages, track street by street debris removal progress, and identify and diagnose potential problems as they happen. RecoveryTrac™'s geospatial reporting system provides real-time information that raises the bar for post-disaster project management.

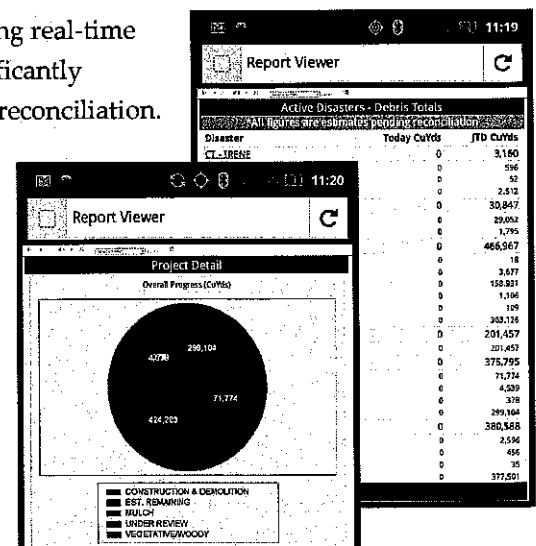
In summary, SAIC's combined program management approach and RecoveryTrac™ solution provides day-one, boots-on-the ground services for communities after a disaster.

Following Hurricanes Isaac and Sandy, SAIC successfully deployed over 225 units to multiple affected areas. The use of RecoveryTrac™ reduces data entry costs and provides real-time project tracking reports to our clients.

Payment Monitoring and Reconciliation Process

In addition to reducing the amount of paper generated and providing real-time progress reporting to Broward County, using RecoveryTrac™ significantly reduces the level of effort associated with debris contractor invoice reconciliation.

At the outset of the project, SAIC will work with the County's contract debris hauler(s) to demonstrate RecoveryTrac™ and provide website access and reports that the debris contractor can utilize for invoicing and subcontractor reconciliation. Because all project data will be derived from a single data source, ticket-level reconciliation (as required by paper-based systems) will be completely avoided. *SAIC has recently used RecoveryTrac™ for recovery efforts following Hurricane Sandy and Hurricane Isaac, and can confirm that the resulting invoice reconciliation process is considerably simpler, quicker, and more cost effective than traditional paper-based systems.*



If a paper-based ticket system is implemented, an SAIC database query is run that performs a ticket-by-ticket comparison of the RecoveryTrac™ database versus the contractor's invoice supporting documentation. RecoveryTrac™ generates a report that shows where the two data sets agree, disagree, or have missing information. A billing/invoice analyst is tasked with pulling all tickets in question and determining the required corrective action. The billing/invoice analyst will be familiar with the terms and conditions of the agency's contract with the debris contract hauler and ensure all submitted invoices meet contract requirements. To the extent that tickets still in dispute are less than the contractor's retainage, the invoice less the retainage is approved for payment. The SAIC staff member in charge of invoicing then prepares a letter to the agency's representative responsible for invoice payment recommending payment of the invoice (this occurs for paper-based and ADMS-based ticketing).

Invoices are submitted and reconciled to correct any deficiencies before being recommended for approval. This typically requires significant communication between SAIC and contractor staff to resolve discrepancies. After all discrepancies are resolved, SAIC sends a follow-up letter to the County recommending the amount of retainage to be released. Finally, a data manager audits the materials in the invoice file to ensure that the file is complete.

SAIC's proprietary database allows the County track the impact payment approvals make on obligated FEMA PWs and agency purchase orders. This allows the agency to effectively plan for purchase order adjustments and the need to generate adjustment PWs.

Furthermore, the RecoveryTrac™ system combined with contractor reports (which include calculated mileage) enable the contractor to submit cleaner invoices, thus reducing reconciliation time and ultimately resulting in more rapid payment of the contractor and local subcontractors with less retainage required.

Exhibit D-7: Sample Custom Report Developed

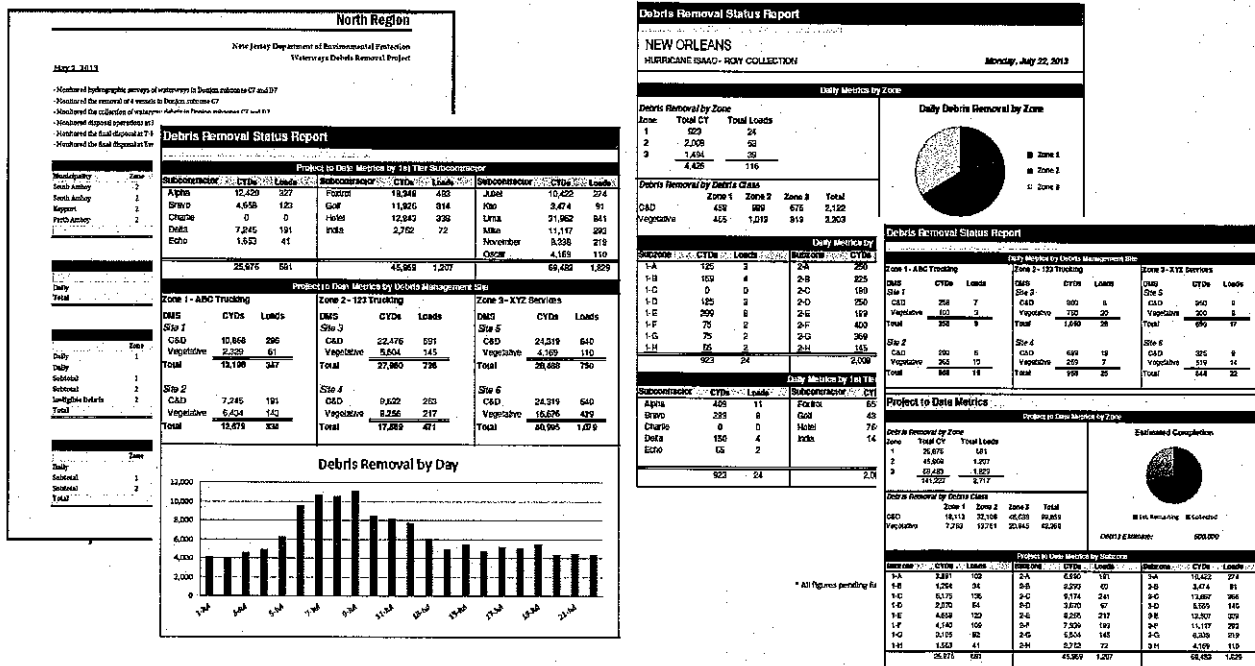
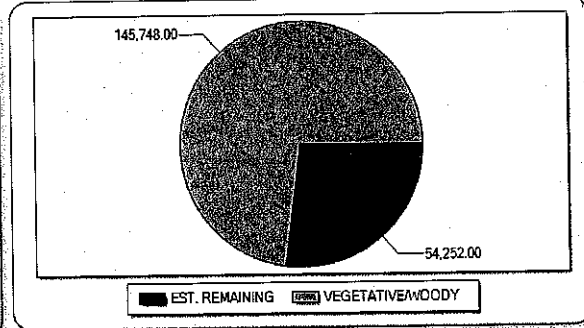
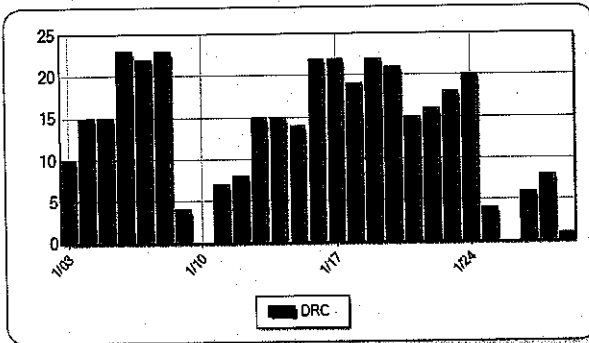


Exhibit D-8: RecoveryTrac™ Reports and Dashboards

RecoveryTrac Project Performance Report		Report Period: 01/03/2012 to 01/29/2012	
Current Day (01/29/2012) Statistics		Cumulative - JTD Statistics	
Total CuYds Collected	32	Total CuYds Collected	145,748
Total Tons Collected	N/A	Total Tons Collected	85
Total Trucks Working	1	Days Operational	32
Total Loads	1	Estimated Days Remaining	3,509
Average CuYds Per Load	32.4	Maximum Day (CuYds)	32
Average Tons Per Load	N/A	Minimum Day (CuYds)	1,715
Average Load Call	60.0	Maximum Day (Tons)	
Disposal Sites In Operation	1	Minimum Day (Tons)	
Zones Worked	1	Average Day (Tons)	
Collection Monitors in Field	1		
Disposal Monitors in Field	1		
Other Project Report Links			
Show Today's Tickets in Google Earth		Show JTD Tickets in Google Earth	
Show Current Truck Locations		Show Ticket Funding Report	
Show Current Monitor Locations			



SECTION E
Additional Information

Science Application International Corporation (SAIC) has conducted a review of Broward County's (County) ITB No. M1110901B1 for Disaster Debris Monitoring Services and would like the County to consider the following requests:

Requesting the County to add the following Limitation of Liability provision to the resulting contract:

- a) The Contractor's total liability to the County for any and all liabilities, claims, or damages arising out of or relating to this Contract, howsoever caused and regardless of the legal theory asserted, including breach of contract or warranty, tort, strict liability, statutory liability or otherwise, shall not, in the aggregate, exceed the amount actually paid to the Contractor under this Agreement.
- b) In no event shall either the Contractor or the County be liable to the other for any punitive, exemplary, special, indirect, incidental, or consequential damages (including, but not limited to, lost profits, lost business opportunities, loss of use or equipment down time, and loss of or corruption to data) arising out of or relating to this Agreement, regardless of the legal theory under which such damages are sought, and even if the parties have been advised of the possibility of such damages or loss.

To the extent the above request does not meet the County's requirements; SAIC is prepared to negotiate mutually agreeable terms and conditions.



Invitation to Bid: Disaster Debris Monitoring Services

ORIGINAL

Broward County, Florida

Solicitation No. M1110901B1
Submitted Date: August 7, 2013
Submitted to: Broward County Purchasing Division
115 South Andrews Avenue, Room 212
Fort Lauderdale, FL 33301
Submitted by: Science Applications International Corporation
2301 Lucien Way, Suite 120
Maitland, FL 32751

SAIC.