



MARION COUNTY BOARD OF COMMISSIONERS

Board Session Agenda Review Form

Meeting date: October 27, 2021

Department: Public Works

Agenda Planning Date: 10/21/21

Time required: 5 Mins

☐ Audio/Visual aids

Contact: James Wharton-Hess

Phone: (503) 566-4139

Department Head Signature:

TITLE

Consider Approval of Contract #PW-4400-21 with CDR Maguire, Inc. for Winter Storm Debris Removal Monitoring

Issue, Description & Background

In February, 2021, Marion County experienced a winter storm that resulted in heavy damage to county trees. Tree damage has resulted in trees and woody debris threatening or falling into County right-of-way, County parks, and other County property. In addition, there are numerous trees that need to be altogether removed or have hazard limbs removed as a result of the storm's impact on their health.

Acknowledging these needs, Marion County Public Works formally solicited bids from tree service companies to provide hazardous hanger removal, hazardous tree removal, hazardous tree stump removal, and woody debris cleanup. The Board of Commissioners approved a contract with Mountain View Tree Service LLC on May 12, 2021.

Marion County again solicited bids in September, following the spend-down of Mountain View's previous contract. This was done in an effort to take advantage of more favorable market conditions and to alter the pricing structure to better align with FEMA requirements. Three bidders submitted bids in early October, 2021 and all three firms were recommended for Board of Commissioners' approval to move forward with contracts.

When exploring a re-solicitation of debris removal work in September, the County's designated emergency management consultant suggested that the County would benefit from also soliciting a contract for services with an experienced debris removal monitoring firm with expertise in FEMA documentation requirements. County staff agreed with the recommendation and solicited proposals for debris removal monitoring. One proposer submitted a proposal for the project and has been deemed responsive and responsible. The contractor has experience with numerous FEMA declared disasters and debris monitoring work, including current oversight of Oregon wildfire debris removal monitoring. The contractor will be responsible for assessing current County documentation practices, recommending enhancements, monitoring debris removal contractors, documenting work via work-flow tracking and photos, and otherwise coordinating debris removal efforts in a manner that maximizes potential for FEMA reimbursement.

Financial Impacts:

This contract is expected to cost \$250,000. Federal reimbursement for work under this contract is expected at a rate of 75%.

Impacts to Department & External Agencies

None.

Options for Consideration:

- 1) Approve Consider Approval of Contract #PW-4400-21 with CDR Maguire, Inc.
- 2) Withhold Approval of Contract #PW-4400-21 with CDR Maguire, Inc.



MARION COUNTY BOARD OF COMMISSIONERS

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Recommendation:

Public Works staff recommends approval of Contract #PW-4400-21 with CDR Maguire, Inc.

List of attachments:

Contract #PW-4400-21

Presenter:

Scott Wilson, Operations Division Manager

Copies of completed paperwork sent to the following: (Include names and e-mail addresses.)

Copies to:

James Wharton-Hess, jwhartonhess@co.marion.or.us



Marion County
OREGON
FINANCE DEPARTMENT

Contract Review Sheet

Contract #: **PW-4400-21**

Person Sending: **James Wharton-Hess**

Department: **Public Works**

Contact Phone #: **(503) 566-4139**

Date Sent: **Tuesday, October 12, 2021**

☒ Contract ☐ Amendment # ☐ Lease ☐ IGA ☐ MOU ☐ Grant (attach approved grant award transmittal form)

Title: **WINTER STORM DEBRIS REMOVAL MONITORING**

Contractor's Name: **CDR Maguire, Inc.**

Term - Date From: **Upon Execution**

Expires: **Sep 30, 2022**

Contract Total: **\$250,000.00**

Amendment Amount: **\$0.00**

New Contract Total: **\$0.00**

Source Selection Method: **RFP (attach transmittal)**

1000

Additional Considerations (check all that apply)

☐ Board Order# _____

☐ Feasibility Determination (attach approved form)

☐ Incoming Funds

☒ Federal Funds (attach sub-recipient / contractor analysis)

☐ Independent Contractor (LECS) approval date: _____

☐ Reinstatement (attach written justification)

☐ Insurance Waiver (attach)

☐ Retroactive (attach written justification)

☐ CIP# _____ (required for all goods /software greater than \$5,000)

Description of Services or Grant Award:

Contractor will monitor Winter Storm 2021 debris removal contractors and document work in accordance with all FEMA requirements for reimbursement. Work includes photo documentation of all contractor work, including proof of unit measurements and ROW location.

FOR FINANCE USE

Date Finance Received:

BOC Planning Date:

Date Legal Received:

Comments:

REQUIRED APPROVALS:

Finance - Contracts

Date

Risk Manager

Date

Legal Counsel

Date

Chief Administrative Officer

Date

Date ☐ To be filed ☐ Added to Finance Table

☐ Date _____ Returned to department for signature

**MARION COUNTY
CONTRACT FOR SERVICES
PW-4400-21**

This contract is between Marion County (a political subdivision of the State of Oregon) hereinafter called County, and CDR Maguire, Inc., a Corporation hereinafter called Contractor.

Contractor agrees to perform, and County agrees to pay for, the services and deliverables described in Exhibit A (the "Work").

1. TERM. This Contract is effective on the date it has been signed by all parties and all required County approvals have been obtained. This Contract expires on September 30, 2022. The parties may extend the term of this Contract provided that the total Contract term does not extend beyond September 30, 2023.

2. CONSIDERATION.

A. The maximum, not-to-exceed compensation payable to Contractor under this Contract, which includes any allowable expenses, is \$250,000. County will not pay Contractor any amount in excess of the not-to-exceed compensation of this Contract for completing the Work, and will not pay for Work performed before the date this Contract becomes effective or after the termination of this Contract. If the maximum compensation is increased by amendment of this Contract, the amendment must be fully effective before Contractor performs Work subject to the amendment.

B. Interim payments to Contractor shall be made in accordance with the payment schedule and requirements in Exhibit A.

C. If specified below, county's payments to Contractor under this agreement will be paid in whole or in part with federal funds. If so specified, by signing this agreement, Contractor certifies neither it nor its employees, contractors, subcontractors or subgrantees who will perform the Project activities are currently employed by an agency or department of the federal government.

In accordance with 2 CFR 200.330, Contractor has been designated:

- ☐ Subrecipient
- ☒ Contractor/Vendor
- ☐ Not applicable

Catalog of Federal Domestic Assistance (CFDA) #(s) of federal funds to be paid through this Grant:
97.036

3. COMPLIANCE WITH STATUTES AND RULES.

A. County and the Contractor agree to comply with the provisions of this contract, its exhibits and attachments and all applicable federal, state, and local statutes and rules.

Unless otherwise specified, responsibility for all taxes, assessment, and any other charges imposed by law upon employers shall be the sole responsibility of the Contractor. Failure of the Contractor or the County to comply with the provisions of this contract and all applicable federal, state, and local statutes and rules shall be cause for termination of this contract as specified in sections concerning recovery of funds and termination.

County's performance under this Contract is conditioned upon Contractor's compliance with the obligations intended for contractors under ORS 279B.220, 279B.225 (if applicable to this Contract), 279B.230, 279B.235 (if applicable to this Contract) and ORS 652, which are incorporated by reference herein.

B. Contractor must, throughout the duration of this Contract and any extensions, comply with all tax laws of this state and all applicable tax laws of any political subdivision of this state. For the purposes of this Section, "tax laws" includes all the provisions described in subsection 27. C. (i) through (iv) of this Contract.

i. Any violation of subsection B of this section shall constitute a material breach of this Contract. Further, any violation of Contractor's warranty, in subsection 27.3 of this Contract, that Contractor has complied with the tax laws of this state and the applicable tax laws of any political subdivision of this state also shall constitute a material breach of this Contract. Any violation shall entitle the County to terminate this Contract, to pursue and recover any and all damages that arise from the breach and the termination of this Contract, and to pursue any or all of the remedies available under this Contract, at law, or in equity, including but not limited to:

- a. Termination of this Contract, in whole or in part;
- b. Exercise of the right of setoff, and withholding of amounts otherwise due and owing to Contractor, in an amount equal to State's setoff right, without penalty; and
- c. Initiation of an action or proceeding for damages, specific performance, declaratory or injunctive relief. The County shall be entitled to recover any and all damages suffered as the result of Contractor's breach of this Contract, including but not limited to direct, indirect, incidental and consequential damages, costs of cure, and costs incurred in securing [replacement Services/replacement Goods/ a replacement contractor].

C. These remedies are cumulative to the extent the remedies are not inconsistent, and the County may pursue any remedy or remedies singly, collectively, successively, or in any order whatsoever.

4. CIVIL RIGHTS, REHABILITATION ACT, AMERICANS WITH DISABILITIES ACT and TITLE VI OF THE CIVIL RIGHTS ACT. Contractor agrees to comply with the Civil Rights Act of 1964, and 1991, Americans with Disabilities Act of 1990, and Section 504 of the Rehabilitation Act of 1973, and Title VI as implemented by 45 CFR 80 and 84 which states in part, No qualified person shall on the basis of disability, race, color, or national origin be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination under any program or activity which received or benefits from federal financial assistance.

5. TIME IS OF THE ESSENCE. Contractor agrees that time is of the essence in the performance of this Contract.

6. FORCE MAJEURE. Neither County nor Contractor shall be responsible for any failure to perform or for any delay in the performance of any obligation under this Contract caused by fire, riot, acts of God, terrorism, war, or any other cause which is beyond the breaching party's reasonable control. Contractor shall, however, make all reasonable efforts to remove or eliminate the cause of Contractor's delay or breach and shall, upon the cessation of the cause, continue performing under this Contract. County may terminate this Contract upon written notice to Contractor after reasonably determining that the delay or breach will likely prevent successful performance of this Contract.

7. FUNDING MODIFICATION.

A. County may reduce or terminate this contract when state or federal funds are reduced or eliminated by providing written notice to the respective parties.

B. In the event the Board of Commissioners of the County reduces, changes, eliminates, or otherwise modifies the funding for any of the services identified, the Contractor agrees to abide by any such

decision including termination of service.

8. RECOVERY OF FUNDS. Expenditures of the Contractor may be charged to this contract only if they (1) are in payment of services performed under this contract, (2) conform to applicable state and federal regulations and statutes, and (3) are in payment of an obligation incurred during the contract period.

Any County funds spent for purposes not authorized by this contract and payments by the County in excess of authorized expenditures shall be deducted from future payments or refunded to the County no later than thirty (30) days after notice of unauthorized expenditure or notice of excess payment.

Contractor shall be responsible to repay for prior contract period excess payments and un-recovered advanced payments provided by the County. Repayment of prior period obligations shall be made to the County in a manner agreed on.

9. ACCESS TO RECORDS.

A. Contractor shall permit authorized representatives of the County, State of Oregon, or the applicable audit agencies of the U.S. Government to review the records of the Contractor as they relate to the contract services in order to satisfy audit or program evaluation purposes deemed necessary by the County and permitted by law.

B. Contractor agrees to establish and maintain financial records, which indicate the number of hours of work provided, and other appropriate records pertinent to this contract shall be retained for a minimum of three (3) years after the end of the contract period. If there are unresolved audit questions at the end of the three-year period, the records must be maintained until the questions are resolved.

10. REPORTING REQUIREMENTS. Contractor shall provide County with periodic reports at the frequency and with the information prescribed by County. Further, at any time, County has the right to demand adequate assurances that the services provided by Contractor shall be in accordance with the Contract. Such assurances provided by the Contractor shall be supported by documentation in Contractor's possession from third parties.

11. CONFIDENTIALITY OF RECORDS.

A. Contractor shall not use, release or disclose any information concerning any employee, client, applicant or person doing business with the County for any purpose not directly connected with the administration of County's or the Contractor's responsibilities under this Contract except upon written consent of the County, and if applicable, the employee, client, applicant or person.

B. Contractor shall ensure that its agents, employees, officers and subcontractors with access to County and Contractor records understand and comply with this confidential provision.

C. If Contractor receives or transmits protected health information, Contractor shall enter into a Business Associate Agreement with County, which shall become part of this Contract, if attached hereto.

D. Client records shall be kept confidential in accordance with ORS 179.505, OAR 309-11-020, 45 CFR 205.50 and 42 CFR Part 2 as applicable.

12. INDEMNIFICATION AND INSURANCE.

A. Contractor shall defend, save, indemnify, and hold harmless the County, its officers, agents, and employees from and against all claims, suits, actions, losses, damages, liabilities, costs and expenses of any nature whatsoever, including attorney fees, resulting from, arising out of, or relating to the activities of Contractor or its officers, employees, subcontractors, or agents under this Contract. Contractor shall have control of the defense and settlement of any claim that is subject to this section. However, neither Contractor nor any attorney engaged by Contractor shall defend the claim in the name of either County or any department of County, nor purport to act as legal representative of either County or any of its

departments, without first receiving from County Legal Counsel authority to act as legal counsel for the County, nor shall Contractor settle any claim on behalf of County without the approval of County Legal Counsel. County may, at its election and expense, assume its own defense and settlement.

B. Contractor shall obtain the insurance required under section 23 prior to performing under this Contract and shall maintain the required insurance throughout the duration of this Contract and all warranty periods.

C. County, pursuant to applicable provisions of ORS 30.260 to 30.300, maintains a self-insurance program that provides property damage and personal injury coverage.

13. EARLY TERMINATION. This Contract may be terminated as follows:

A. County and Contractor, by mutual written agreement, may terminate this Contract at any time.

B. County in its sole discretion may terminate this Contract for any reason on 30 days written notice to Contractor.

C. Either County or Contractor may terminate this Contract in the event of a breach of the Contract by the other. Prior to such termination the party seeking termination shall give to the other party written notice of the breach and intent to terminate. If the party committing the breach has not entirely cured the breach within 15 days of the date of the notice, then the party giving the notice may terminate the Contract at any time thereafter by giving a written notice of termination.

D. Notwithstanding section 13C, County may terminate this Contract immediately by written notice to Contractor upon denial, suspension, revocation or non-renewal of any license, permit or certificate that Contractor must hold to provide services under this Contract.

14. PAYMENT ON EARLY TERMINATION. Upon termination pursuant to section 13, payment shall be made as follows:

A. If terminated under 13A or 13B for the convenience of the County, the County shall pay Contractor for Work performed prior to the termination date if such Work was performed in accordance with the Contract. County shall not be liable for direct, indirect or consequential damages. Termination shall not result in a waiver of any other claim County may have against Contractor.

B. If terminated under 13C by the Contractor due to a breach by the County, then the County shall pay the Contractor for Work performed prior to the termination date if such Work was performed in accordance with the Contract.

C. If terminated under 13C or 13D by the County due to a breach by the Contractor, then the County shall pay the Contractor for Work performed prior to the termination date provided such Work was performed in accordance with the Contract less any setoff to which the County is entitled.

15. INDEPENDENT CONTRACTOR.

A. The Contractor is a separate and independently established business, retains sole and absolute discretion over the manner and means of carrying out the Contractor's activities and responsibilities for the purpose of implementing the provisions of this contract, and maintains the appropriate license/certifications, if required under Oregon Law. This contract shall not be construed as creating an agency, partnership, joint venture, employment relationship or any other relationship between the parties other than that of independent parties. The Contractor is acting as an "independent contractor" and is not an employee of County, and accepts full responsibility for taxes or other obligations associated with payment for services under this contract. As an "independent contractor", Contractor will not receive any

benefits normally accruing to County employees unless required by applicable law. Furthermore, Contractor is free to contract with other parties for the duration of the contract.

B. **SUBCONTRACTING/NONASSIGNMENT.** No portion of the Contract may be contracted or assigned to any other individual, firm or entity without the express and prior approval of the County.

16. GOVERNING LAW AND VENUE. This Contract shall be governed by the laws of the State of Oregon. Any action commenced in connection with this Contract shall be in the Circuit Court of Marion County. All rights and remedies of the County shall be cumulative and may be exercised successively or concurrently. The foregoing is without limitation to or waiver of any other rights or remedies of the County according to law.

17. OWNERSHIP AND USE OF DOCUMENTS. All documents, or other material submitted to the County by Contractor shall become the sole and exclusive property of the County. All material prepared by Contractor under this Contract may be subject to Oregon's Public Records Laws.

18. NO THIRD PARTY BENEFICIARIES.

A. County and Contractor are the only parties to this Contract and are the only parties entitled to enforce its terms.

B. Nothing in this contract gives or provides any benefit or right, whether directly, indirectly, or otherwise, to third persons unless such third persons are individually identified by name in this Contract and expressly described as intended beneficiaries of this Contract.

19. SUCCESSORS IN INTEREST. The provisions of this Contract shall be binding upon and inure to the benefit of the parties and their successors and approved assigns.

20. MERGER CLAUSE. This Contract and the attached exhibits constitute the entire agreement between the parties.

A. All understandings and agreements between the parties and representations by either party concerning this Contract are contained in this Contract.

B. No waiver, consent, modification or change in the terms of this Contract shall bind either party unless in writing signed by both parties.

C. Any written waiver, consent, modification or change shall be effective only in the specific instance and for the specific purpose given.

21. WAIVER. The failure of any Party to enforce any provision of this Contract shall not constitute a waiver by that Party or any other provision. Waiver of any default under this Contract by any Party shall not be deemed to be a waiver of any subsequent default or a modification of the provisions of this Contract.

22. REMEDIES. In the event of breach of this Contract, the Parties shall have the following remedies:

A. If terminated under 13C by County due to a breach by the Contractor, the County may complete the Work either itself, by agreement with another Contractor, or by a combination thereof. If the cost of completing the Work exceeds the remaining unpaid balance of the total compensation provided under this Contract, then the Contractor shall pay to the County the amount of the reasonable excess.

B. In addition to the remedies in sections 13 and 14 for a breach by the Contractor, County also shall be entitled to any other equitable and legal remedies that are available.

C. If County breaches this Contract, Contractor's remedy shall be limited to termination of the Contract and receipt of Contract payments to which Contractor is entitled.

23. INSURANCE.

A. REQUIRED INSURANCE. Contractor shall obtain at Contractor's expense the insurance specified in this section prior to performing under this Contract and shall maintain it in full force and at its own expense throughout the duration of this Contract and all warranty periods. Contractor shall obtain the following insurance from insurance companies or entities that are authorized to transact the business of insurance and issue coverage in Oregon and that are acceptable to County:

i. WORKERS COMPENSATION. All employers, including Contractor, that employ subject workers, as defined in ORS 656.027, shall comply with ORS 656.017 and shall provide workers' compensation insurance coverage for those workers, unless they meet the requirement for an exemption under ORS 656.126(2). Contractor shall require and ensure that each of its subcontractors complies with these requirements.

ii. PROFESSIONAL LIABILITY. Covering any damages caused by an error, omission or any negligent acts related to the services to be provided under this Contract. Contractor shall provide proof of insurance of not less than the following amounts as determined by the County:

☐ Required by County ☒ Not required by County.

- ☐ \$1,000,000 Per occurrence limit for any single claimant; and
- ☐ \$2,000,000 Per occurrence limit for multiple claimants
- ☐ Exclusion Approved by Risk Manager

iii. CYBER LIABILITY. Covering network security, breach of data, and coverage for regulatory fines and fees imposed against County due to failures in products and services provided under this Contract. Cyber Liability coverage must include errors, omissions, negligent acts, denial of service, media liability (including software copyright), dishonesty, fraudulent or criminal acts by a person or persons whether identified or not, intellectual property infringement, computer system attacks, unauthorized access and use of computer system, regulatory actions, and contractual liability.

☐ Required by County ☒ Not required by County.

- ☐ \$2,000,000 Per occurrence limit for any single claimant; and
- ☐ \$5,000,000 Per occurrence limit for multiple claimants
- ☐ Exclusion Approved by Information Technology Director and Risk Manager

iv. COMMERCIAL GENERAL LIABILITY. Covering bodily injury, death and property damage in a form and with coverages that are satisfactory to the County. This insurance shall include personal injury liability, products and completed operations. Coverage shall be written on an occurrence basis. Contractor shall provide proof of insurance of not less than the following amounts as determined by the County:

☒ Required by County ☐ Not required by County.

Minimum Limits:

- ☒ \$1,000,000 Per occurrence limit for any single claimant; and
- ☒ \$2,000,000 Per occurrence limit for multiple claimants
- ☐ Exclusion Approved by Risk Manager
- ☐ \$500,000 Per occurrence limit for any single claimant
- ☐ \$1,000,000 Per occurrence limit for multiple claimant

v. AUTOMOBILE LIABILITY INSURANCE. Covering all owned, non-owned, or hired vehicles. This coverage may be written in combination with the Commercial General Liability Insurance (with separate limits for "Commercial General Liability" and "Automobile Liability"). Contractor shall provide proof of insurance of not less than the following amounts as determined by the County:

☒ Required by County ☐ Not required by County.

Minimum Limits:

- ☐ Oregon Financial Responsibility Law, ORS 806.060 (\$25,000 property damage/\$50,000 bodily injury \$5,000 personal injury).
- ☒ \$500,000 Per occurrence limit for any single claimant; and
- ☒ \$1,000,000 Per occurrence limit for multiple claimants
- ☐ Exclusion Approved by Risk Manager

B. ADDITIONAL INSURED. The Commercial General Liability insurance required under this Contract shall include Marion County, its officers, employees and agents as Additional Insureds but only with respect to Contractor's activities to be performed under this Contract. Coverage shall be primary and non-contributory with any other insurance and self-insurance.

C. NOTICE OF CANCELLATION OR CHANGE. There shall be no cancellation, material change, potential exhaustion of aggregate limits or non-renewal of insurance coverage(s) without 30 days written notice from this Contractor or its insurer(s) to County. Any failure to comply with the reporting provisions of this clause shall constitute a material breach of Contract and shall be grounds for immediate termination of this Contract by County.

D. CERTIFICATE(S) OF INSURANCE. Contractor shall provide to County Certificate(s) of Insurance for all required insurance before delivering any Goods and performing any Services required under this Contract. The Certificate(s) must specify all entities and individuals who are endorsed on the policy as Additional Insured (or Loss Payees). Contractor shall pay for all deductibles, self-insured retention and self-insurance, if any.

24. NOTICE. Except as otherwise expressly provided in this contract, any communications between the parties hereto or notices to be given hereunder shall be given in writing, to Contractor or County at the address or number set forth below or to such other addresses or numbers as either party may hereafter indicate in writing. Delivery may be by personal delivery, or mailing the same, postage prepaid.

A. Any communication or notice by personal delivery shall be deemed delivered when actually given to the designated person or representative.

B. Any communication or notice mailed shall be deemed delivered five (5) days after mailing. Any notice under this Contract shall be mailed by first class postage delivered to:

To Contractor:
CDR Maguire, Inc.
9130 S. Dadeland Blvd, STE 1509
Miami, FL 33156

To County:
Procurement & Contracts Manager
555 Court Street NE, Suite 5232
P.O. Box 14500
Salem, Oregon 97309
Fax No. 503-588-5237

25. SURVIVAL. All rights and obligations shall cease upon termination or expiration of this Contract, except for the rights and obligations set forth in sections 2, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 25 and 26.

26. SEVERABILITY. If any term or provision of this Contract is declared illegal or in conflict with any law by a court of competent jurisdiction, the validity of the remaining terms and provisions that shall not be affected and the rights and obligations of the parties shall be construed and enforced as if the Contract did not contain the particular term or provision held to be invalid.

27. CONTRACTOR'S REPRESENTATIONS AND WARRANTIES. Contractor represents and warrants to the County that:

- A. Contractor has the power and authority to enter into and perform this Contract.
- B. This Contract, when executed and delivered, is a valid and binding obligation of Contractor, enforceable in accordance with its terms.
- C. Contractor (to the best of Contractor's knowledge, after due inquiry), for a period of no fewer than six calendar years preceding the date of Closing of proposals for this Contract, faithfully has complied with:
 - i. All tax laws of this state, including but not limited to ORS 305.620 and ORS chapters 316, 317, and 318;
 - ii. Any tax provisions imposed by a political subdivision of this state that applied to Contractor, to Contractor's property, operations, receipts, or income, or to Contractor's performance of or compensation for any work performed by Contractor;
 - iii. Any tax provisions imposed by a political subdivision of this state that applied to Contractor, or to goods, services, or property, whether tangible or intangible, provided by Contractor; and
 - iv. Any rules, regulations, charter provisions, or ordinances that implemented or enforced any of the foregoing tax laws or provisions.
- C. Any Goods, Items, or Intellectual Property Rights granted to the County under this Contract, and Contractor's Services rendered in the performance of Contractor's obligations under this Contract, shall be provided to the County free and clear of any and all restrictions on or conditions of use, transfer, modification, or assignment, and shall be free and clear of any and all liens, claims, mortgages, security interests, liabilities, charges, and encumbrances of any kind.

28. CERTIFICATIONS AND SIGNATURE. THIS CONTRACT MUST BE SIGNED IN INK BY AN AUTHORIZED REPRESENTATIVE OF Contractor. The undersigned certifies under penalty of perjury both individually and on behalf of Contractor is a duly authorized representative of Contractor, has been authorized by Contractor to make all representations, attestations, and certifications contained in this Contract and to execute this Contract on behalf of Contractor.

**MARION COUNTY SIGNATURE
BOARD OF COMMISSIONERS:**

Chair Date

Commissioner Date

Commissioner Date

Authorized Signature: Brian M. Muhl 10/12/2021
Department Director or designee Date

Authorized Signature: _____
Chief Administrative Officer Date

Reviewed by Signature: _____
Marion County Legal Counsel Date

Reviewed by Signature: _____
Marion County Contracts & Procurement Date

CDR MAGUIRE, INC. SIGNATURE

Authorized Signature: _____
Date

Title: _____

EXHIBIT A STATEMENT OF WORK

1. STATEMENT OF SERVICES. Contractor shall perform Services as described below.

A. GENERAL INFORMATION. In February, 2021, Marion County endured a Federal Emergency Management Agency (FEMA)-designated winter storm emergency that resulted in hazardous trees and vegetative debris throughout County Right-of-Way. Since that time, the County has been working to remove hazards and document work. However, intensive FEMA documentation and oversight requirements have made clear the need for a more comprehensive and formal oversight strategy. As such, the County is entering into an agreement with Contractor to ensure maximum FEMA reimbursement and bridge the gap between current County documentation and oversight practice with that needed to receive maximum FEMA reimbursement for work.

B. REQUIRED SERVICES, DELIVERABLES AND DELIVERY SCHEDULE. Contractor will be tasked with developing and implementing a system of documented communication with the County's staff and Debris Removal Contractor(s) to guide their work in accordance with all FEMA requirements for reimbursable work. The Contractor will be in charge of monitoring Debris Removal Contractor(s) during the performance of their work and document all necessary items for FEMA reimbursement, including, but not limited to, communication, photos, proof of hazard, debris measurements, debris staging locations, and debris final destination.

Exhibit C – Contractor's Proposal dated October 5, 2021 provides a detailed list of tasks and duties that the County may request of Contractor. However, the scope of work and terms of this contract supersede Contractor's proposal in all circumstances in which there are conflicts.

Contractor shall supply the following at the request of County:

- A current practices assessment to determine areas where current County practice may be insufficient to obtain FEMA reimbursement.
- A plan to take over previous County documentation work as directed by County and add enhanced documentation measures where necessary.
- Provision of Contractor-provided tracking tools, software, and staff to maintain a robust set of data and backup documentation on debris removal work.
- Administrative and management staff to ensure effective communication between County, Debris Removal Firm, and Contractor.
- Administrative and management staff to coordinate document collection and submission in conjunction with County staff.
- Subject matter experts if and when necessary according to FEMA requirements.
- All tools, equipment, and staff to:
 - o Identify and document eligible hazards that the County has not already identified.
 - o Obtain additional documentation for County identified hazards in cases where current documentation is insufficient for FEMA reimbursement.
 - o Oversee debris removal firm's work and document said work in accordance with FEMA requirements, including pictures to prove reimbursement eligibility, measurement photos, tracking capabilities, etc.
 - o Monitor temporary and/or final destination site activity and track loads from debris monitors.

C. SPECIAL REQUIREMENTS. Contractor shall be solely responsible for and shall have control over the means, methods, techniques, sequences and procedures of performing the work, subject to the

plans and specifications under this Contract and shall be solely responsible for the errors and omissions of its employees, subcontractors and agents.

Contractor has the skill and knowledge possessed by well-informed members of its industry, trade or profession and Contractor will apply that skill and knowledge with care and diligence and perform Services in a timely, professional and workmanlike manner in accordance with standards applicable to Contractor's industry, trade or profession.

2. COMPENSATION. The total amount available for payment to Contractor under Exhibit A, section 2.A and for authorized reimbursement to Contractor under Exhibit A, section 2.C is \$250,000.00.

A. **METHOD OF PAYMENT FOR SERVICES.** County shall pay Contractor hourly rates according to the fee schedule below in an amount not to exceed \$26,085.00 for completing a current practices assessment and comprehensive storm debris removal monitoring plan with tools development. The balance of the contract value shall be applied to ongoing storm debris monitoring services at an hourly rate in accordance with the fee schedule below on an as-needed basis to be determined by County.

Staff	Hourly Rate
Project/Operations Manager	\$85.00
Subject Matter Expert	\$150.00
Administrative Assistant	\$36.00
Data Manager	\$65.00
GIS Manager	\$65.00
Finance and Administrative Chief	\$80.00
Field Supervisor	\$58.00
Debris Monitor	\$39.00

B. **BASIS OF PAYMENT FOR SERVICES.** Monthly progress payments for completed Services. County shall pay Contractor monthly progress payments upon County's approval of Contractor's invoice submitted to County for completed Services and delivered Goods, but only after County has determined that Contractor has completed, and County has accepted the completed Services and County has accepted the delivered goods.

C. **EXPENSE REIMBURSEMENT.** County will not reimburse Contractor for any expenses under this Contract.

D. **GENERAL PAYMENT PROVISIONS.** Notwithstanding any other payment provision of this contract, failure of the Contractor to submit required reports when due, or failure to perform or document the performance of contracted services, may result in withholding of payments under this contract. Such withholding of payment for cause shall begin thirty (30) days after written notice is given by the County to the Contractor, and shall continue until the Contractor submits required reports, performs required services or establishes, to the County's satisfaction, that such failure arose out of causes beyond the control, and without the fault or negligence of the Contractor.

E. **INVOICES.** Contractor shall send all invoices to County's Contract Administrator at the address specified below or to any other address as County may indicate in writing to Contractor.

**Marion County
Attn: Operations Manager
5155 Silverton Road NE
Salem, OR 97305**

EXHIBIT B
APPENDIX II TO PART 200—CONTRACT PROVISIONS FOR NON-FEDERAL ENTITY
CONTRACTS UNDER FEDERAL AWARDS

(A) Contracts for more than the simplified acquisition threshold currently set at \$150,000, which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by 41 U.S.C. 1908, must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate.

(B) All contracts in excess of \$10,000 must address termination for cause and for convenience by the non-Federal entity including the manner by which it will be effected and the basis for settlement.

(C) Equal Employment Opportunity. Except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of “federally assisted construction contract” in 41 CFR Part 60-1.3 must include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, “Equal Employment Opportunity” (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, “Amending Executive Order 11246 Relating to Equal Employment Opportunity,” and implementing regulations at 41 CFR part 60, “Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor.”

(D) Davis-Bacon Act, as amended (40 U.S.C. 3141-3148). When required by Federal program legislation, all prime construction contracts in excess of \$2,000 awarded by non-Federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 CFR Part 5, “Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction”). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency. The contracts must also include a provision for compliance with the Copeland “Anti-Kickback” Act (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, “Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States”). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency.

(E) Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708). Where applicable, all contracts awarded by the non-Federal entity in excess of \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

(F) Rights to Inventions Made Under a Contract or Agreement. If the Federal award meets the definition of "funding agreement" under 37 CFR §401.2 (a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

(G) Clean Air Act (42 U.S.C. 7401-7671q.) and the Federal Water Pollution Control Act (33 U.S.C. 1251-1387), as amended—Contracts and subgrants of amounts in excess of \$150,000 must contain a provision that requires the non-Federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

(H) Debarment and Suspension (Executive Orders 12549 and 12689)—A contract award (see 2 CFR 180.220) must not be made to parties listed on the governmentwide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR part 1986 Comp., p. 189) and 12689 (3 CFR part 1989 Comp., p. 235), "Debarment and Suspension." SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

(I) Byrd Anti-Lobbying Amendment (31 U.S.C. 1352)—Contractors that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award.

(J) See §200.322 Procurement of recovered materials.

(K) Audit Requirements of 2 CFR §200.5XX (Subpart F)

i. Contractor must comply, and require any subcontractor to comply, with applicable audit requirements and responsibilities set forth in this Contract and applicable state or federal law.

ii. If Contractor expends federal awards in excess of \$750,000 in a fiscal year, Contractor is subject to audit conducted in accordance with the provisions of 2 CFR part 200, subpart F. Copies of all audits must be submitted to County within 30 days of completion.

iii. Contractor must save, protect and hold harmless County from the cost of any audits or special investigations performed by the Secretary of State with respect to the funds expended under this Contract. Contractor acknowledges and agrees that any audit costs incurred by Contractor as a result of allegations of fraud, waste or abuse are ineligible for reimbursement under this or any other agreement between Contractor and State.

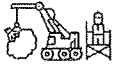
(L) System for Award Management. Contractor must comply with applicable requirements regarding the System for Award Management (SAM), currently accessible at <https://www.sam.gov>. This includes applicable requirements regarding registration with SAM, as well as maintaining current information in SAM. Contractor must also comply with applicable restrictions on subawards ("subgrants") to first tier

subrecipients (first-tier "subgrantees"), including restrictions on subawards to entities that do not acquire and provide (to the Grantee) the unique entity identifier required for SAM registration.

(M) Whistleblower Protection Act. Contractor must comply, and ensure the compliance by subcontractors or subgrantees, with 41U.S.C. 4712, Program for Enhancement of Employee Whistleblower Protection. Contractor must inform subrecipients, contractors and employees, in writing, in the predominant language of the workforce, of the employee whistleblower rights and protections under 41 USC § 4712.

(N) Conflict of Interest. Contractor will prohibit any employee, governing body, subcontractor or organization from participating if the employee or entity has an actual or potential conflict of interest with regards to funds provided under this agreement. In addition, Contractor must disclose in a timely manner an in writing to the County all violations of Federal criminal law involving fraud, bribery, or gratuity potentially affecting funds provided under the a

[78 FR 78608, Dec. 26, 2013, as amended at 79 FR 75888, Dec. 19, 2014]



October 5, 2021

James Wharton-Hess, Management Analyst
Marion County Environmental Services
PO Box 14500
Salem, OR 97309

RE: Oregon Buys # S-C25102-00000751 for Storm Debris Removal Monitoring Services Marion County

Dear Mr. Wharton-Hess and Members of the Evaluation Committee:

CONTACT INFORMATION

Carlos A. Duarte, President

CDR Maguire, Inc.
3800 Esplanade Way,
Suite 180
Tallahassee, FL 32311
Mobile: 305-807-5016
Office: 850-738-7521
Facsimile: 786-235-8501
carlos.duarte@cdrmaguire.com

CDR Maguire, Inc. (CDR) is pleased to submit our qualifications and approach to storm debris removal monitoring for Marion County. We believe CDR is in a unique position to provide the County with highly qualified and experienced personnel capable of monitoring storm debris removal in a manner that ensures FEMA compliance and maximizes your potential for reimbursement. As a national leader in the administration of disaster debris removal monitoring operations, CDR has successfully supported numerous counties, cities, and state agencies. We currently serve the Oregon Department of Transportation (ODOT) as the single provider of Debris Removal Monitoring Services for the historic 2020 Wildfires.

CDR is committed to ensuring the County's success navigating the FEMA reimbursement process. Our extensive debris removal and disaster recovery experience and capabilities, personalized service approach, leverages of technology, and the background and expertise of our Oregon Team, make CDR the ideal partner for Marion County.

Why Choose CDR for this Project?

- **Proven Oregon Experience:** Serving as the Hazardous Tree Removal and Debris Monitors for ODOT following the most destructive wildfires in state history, we have completed over 4 million cubic yards of debris, 150,000 tons of ash, and completed more than 92,000 hazard tree assessments along 120-miles plus of roadway right-of-way. Our team has successfully established effective communication and coordination for oversight and supervision of four prime contractors and 140 subcontractors performing debris removals in 9 counties.
- **Locally Available Personnel:** CDR has over 130 Local Debris Monitoring Specialists working from our office in Salem, located just 10 miles from the County's Public Works office. Our team's proximity to the County offers unparalleled ability to respond at a moment's notice to address every need or challenge.
- **Capacity to Execute:** CDR's Project Managers, Subject Matter Experts, Data Managers, GIS Managers, Finance and Administrative Staff, Field Supervisors and Debris Monitors, as well as supporting resources which include Archaeologists, Environmentalists, Foresters, and Cultural Review Specialists, are located a short 20-minute drive from the County's offices. Upon award, our management staff can respond immediately to begin assessing the existing practices, plan development, and providing on-site debris removal monitoring services.
- **Cost Effectiveness:** In an era of limited budgets, Consultants must be able to analyze and improve processes and workflows to reduce costs. The lessons we have learned from our response to 51 FEMA declared disaster events are used to continuously update our processes and increase operational efficiencies. In addition, our local presence and work for ODOT allows our major support staff and debris monitors to be scheduled on as-needed basis, thus allowing a degree of cost efficiency which increases overall productivity.
- **Cost Recovery Expertise:** Following the devastation of Hurricane Michael, CDR was hired by Bay County, Florida to provide in depth review and oversight for the largest locally led debris operation in FEMA's history. CDR audited the documentation processes of multiple debris removal monitoring consultants and resolved shortcomings which could have resulted in costly de-obligations. In total, we manually reviewed over 1,000,000 debris tickets and \$300 million in debris reimbursement costs. CDR invested in development of technology and programs that dramatically improves the speed of this process. We stand ready to apply our practices in Marion County.

As a local provider of debris removal services in Oregon, CDR has exceptional experience meeting the requirements for working on projects of this nature. Our experiences gained while serving as the hazardous tree removal and debris monitor for the ODOT has taught us the importance of ensuring environmental and cultural compliance, as well as the importance



of providing the right support personnel to assist our clients meet every challenge to debris removal and disaster recovery. The support staff within our Marion County office has experienced and qualified specialists to assist with temporary and permanent debris storage and reduction site (TDSR) permit applications and coordination with environmental agencies. We maintain the capability to assure compliance for every aspect of TDSR operations, Private Property/Right-of-Entry (PPDR) work activities, leaning tree and hanging limb removals, hazardous tree assessments, and most importantly the inspection, paperwork, and tracking of required FEMA documents for reimbursement.

CDR's success is predicated on providing national resources and innovative solutions without compromising the personalized attention, hands-on services, and collaborative leadership of a local firm. Our team looks forward to assisting the County on this very important contract and encourage you to contact any of our references as a testament of our performance.

Sincerely,

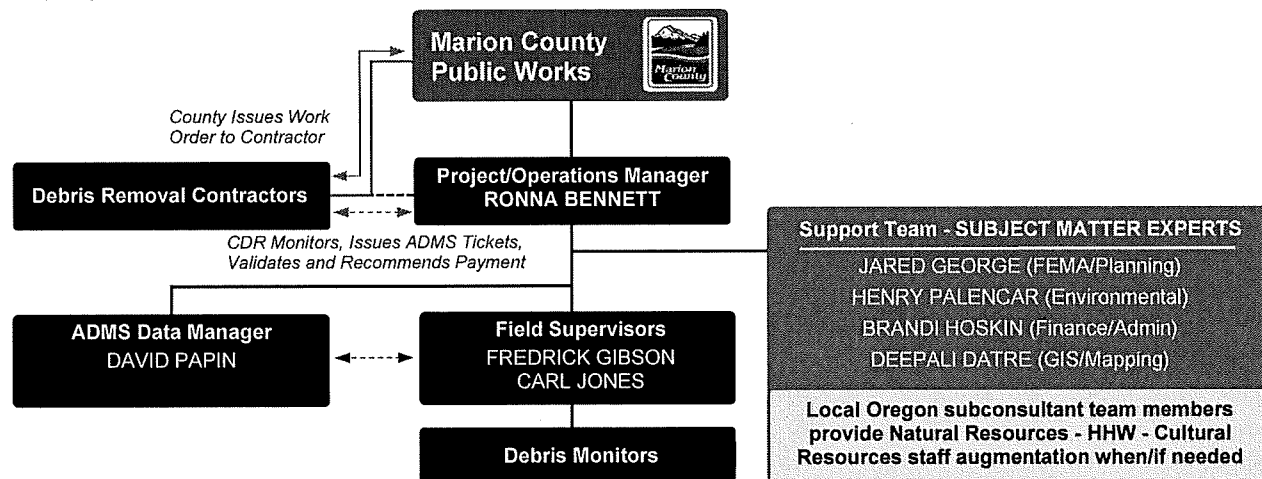
Carlos A. Duarte
President



APPROACH AND MANAGEMENT PLAN

CDR debris removal monitoring teams have been activated in response of 51 disasters covering the full range of potential debris generating events, including winter events such as snow and ice storms. Our experience includes overseeing 33 million cubic yards of FEMA reimbursable debris removal over the past 10 years. Most relevant is our current experience within Oregon where CDR is performing debris removal monitoring for the Oregon Department of Transportation (ODOT) in response to the historic wildfires (DR-4562-OR), which encompassed over 1.2 million acres of land, damaged or destroyed more than 6,000 homes and generated approximately 10 million cubic yards of debris.

At its peak, CDR staff numbered approximately 400 people, including over 140 debris monitors as we simultaneously monitored the debris removal activities for 10 total fire boundaries, across 9 different counties including Marion County. While we have operated from several offices in Oregon, *our central hub is our Salem office located at 2025 Vista Avenue in Marion County. This office houses all our key operations and support personnel, as well as our proposed Debris Monitoring Team.* Being only 10 miles from the County Public Works Department means CDR can and will respond fast with administrative and technical support personnel capable of performing every aspect of the County's debris removal operation, as well as, providing any equipment needs of the Team.



CDR's Organization Chart outlines a Management Plan that we believe is ideally suited to provide Marion County with a staff that has proven capable of effectively and efficiently completing the cleanup of remaining storm debris and maximizing FEMA reimbursement. We are dedicating our "A-Team" to ensure the County receives professional and personal attention-to-detail. The Team is organized in a streamlined manner that addresses the communication links between the County, our team members, and debris contractors. Project-Operations Manager Ronna Bennett will lead our experienced field operations staff, as well as coordinate the full contingent of Subject Matter Experts (SMEs) and debris monitoring personnel who are working together and represent a cohesive team. All are available and working from our local, Marion County office to provide timely support to the County and help ensure compliance of the FEMA Public Assistance Program and Policy Guidelines. Highlights of our structure include:

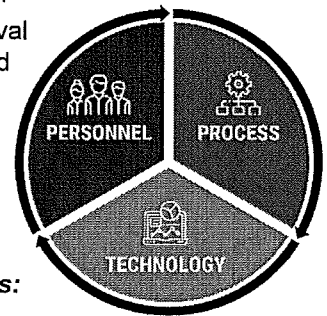
- As leader of our team, Ms. Bennett will be your primary point of contact. She will coordinate debris removal tasks and develop work orders for County execution and submission to the debris removal contractors. This ensures proper oversight from start to finish that maximizes opportunity for 100% reimbursement.
- Ms. Bennett will work with our Support Team Members to fully review and assess the current state of the County's debris removal monitoring practices. Our team is very familiar and experienced conducting **Strengths, Weakness, Opportunities, and Threats (SWOT) analysis**. Our SWOT analysis will focus on assessing the existing processes and documentation for DR-4599-OR against 2 C.F.R. Part 200, Title 44 of the C.F.R., and the Public Assistance Program and Policy Guide (PAPPG) Version 4 (June 1, 2020). We understand the 2021 winter storms received a FEMA Major Declaration allowing for Categories A - G to receive Public Assistance. The SWOT Analysis will allow



for a strategic plan to be implemented that is compliant with FEMA guidelines and thereby, maximizes the County's potential reimbursement.

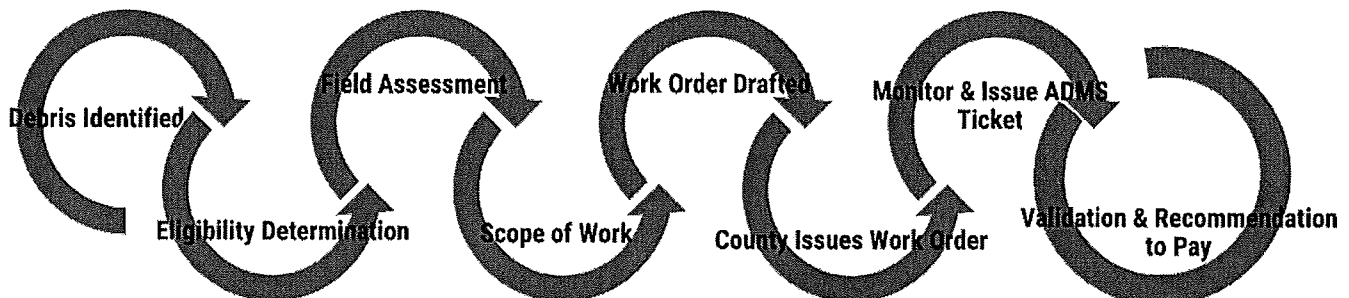
- CDR's staff deployed to Oregon within 12 hours' notice of award for the ODOT Wildfire Debris Removal Project (DR-4562-OR) and began the logistical processes for deploying people, equipment and supplies to support the mission. Due to its urgency, we applied our full complement of corporate support to developing the initial Debris Removal Management Plan (DRMP) which included 9 appendices covering details related to maintenance of traffic, environmental, safety, cultural, historic, sampling & testing, hazardous waste, recycling, debris collection, hauling and disposal issues. Our plan reflects completing our SWOT analysis and new/revised DRMP within three (3) weeks utilizing the Subject Matter Experts (SMEs) within our Support Team already working in Marion County.
- We currently have over 40 local debris monitors working from our Salem Office from which to draw upon to dedicate to on-site monitoring once debris collection/removal activities commence. The breadth of our available local resources will allow our team to scale field supervision and monitoring staff up or down based on the volumes of debris to remove, number of contractor crews and hauling trucks, and the timeframe for operations.

CDR's Team excels at ensuring debris removal contract requirements are met by debris removal contractors; documenting the removal of debris from public access roads, rights-of-way, and public property; monitoring the debris management sites; and implementation of operational and innovative processes for controlling costs, reducing waste, eliminating fraud, as well as finding additional funding sources. This begins by serving as an extension and partner to the County Debris Manager and providing trained, experienced debris monitors to oversee and document contractor activities in compliance with FEMA, and other agency's regulations, guidelines and operational policies which are pertinent to post-disaster debris collection, monitoring, and Stafford Act Public Assistance claims. ***We accomplish this through Three Guiding Principles: Personnel, Process, and Technology.***

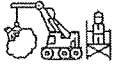


Personnel: We bring the right people for the task at hand. Most of our management and office staff have worked many years for CDR and have been groomed for the senior positions they now hold. Moreover, this entire team is working together from our Marion County office performing a similar debris removal monitoring mission for ODOT. Our team offers established working relationships and trust that will allow us to perform at an exceptional level. Ms. Ronna Bennet, our team leader has over 16 years of diverse experience as a Project Manager, Operations Manager and SME on numerous debris removal monitoring teams. The Qualifications and Experience section of this proposal summarizes the exceptional skills and expertise of each member of the team.

Process: CDR follows the National Incident Management System (NIMS) and has developed Standard Operating Procedures (SOP) gleaned from FEMA, FHWA, clients, industry leaders, lessons learned and best practices from projects throughout the country. Our SOPs allow staff to function comfortably in a variety of roles and keep projects operating at maximum efficiency and accuracy. Our credentialed and experienced Project Manager will ensure the national standard of Incident Management is maintained and all processes are followed while implementing Marion County's Storm DRMP. ***In this regard, CDR could adapt a process for Work Order (WO) development in use on our ODOT project.***



After a debris removal need is identified, CDR verifies if it is eligible for reimbursement; conducts a field assessment to address potential environmental or right-of-way type considerations; determines the scope of work for the contractor, then provides a Draft WO to the County. Upon execution it is sent to the Debris Removal Contractor and CDR coordinates monitoring and issuance of the Automated Debris Management System (ADMS) tickets necessary for validating payment. CDR's involvement in the WO process simplifies execution and enhances overall communication between our team, the County and the Debris Removal Contractor.



Technology: The absence of a comprehensive, enterprise-class ADMS system can result in months of data reconciliation without confidence in resolution, delayed and denied reimbursement from state or federal government, failed audits, and even lawsuits. *Our Team's ADMS system is designed to prevent these outcomes, while still being easy for people to operate.* It reduces human error and provides accurate data visibility to all stakeholders. This helps to ensure that a federal government audit, which can be performed even years after the monies are awarded, finds that data, images, and GPS requirements meet and even exceed federal requirements. After assessment of the County's current practices and state of debris removal data to date, CDR can provide a robust IT team capable of assisting in resolving shortcomings, as well as integration of current systems to allow for a smooth transition of data upon completion of the cleanup.

QUALIFICATIONS AND EXPERIENCE

CDR has previous experience in auditing and bolstering disaster debris removal documentation practices for municipal clients for recovery of expended costs. Following Hurricane Michael, Bay County (Florida) was running the largest locally led debris operation in FEMA's history. Having expended over \$200 million, and utilizing two debris monitoring consultants, they were in dire need of expedited reimbursement from the State and FEMA. Upon hire, CDR implemented an innovative "Monitor the Monitor" program, which provided in depth review and oversight of the County's debris management operation and documentation processes. As a result, CDR was able to immediately identify and resolve shortcomings which could have resulted in costly de-obligations. Plus, we were able to successfully explain our review and auditing process to FEMA and the State Division of Emergency Management, which resulted in the County receiving \$160 million within 12 months of operations. CDR continues to serve Bay County with Public Assistance, Disaster Recovery, and Voluntary Home Buyout Grant Management. ***Our Team is eager to put this similar experience to work for Marion County.***

RECOVERY BY THE NUMBERS[®]

BAY COUNTY | HURRICANE MICHAEL

\$160 MM

Reimbursed in CAT A
within 12 months

48%

Of estimated damages
reimbursed within 12 months

The members of our team possess the experience, training, and education to get the job done. *Our proposal outlines a multitude of similar project experiences of our staff, including the fact that all are currently performing debris removal monitoring services for ODOT following the 2020 Oregon Wildfires and are working from our hub office within Marion County.* As a result, CDR is confident we are well-equipped to meet Marion County's storm debris removal monitoring needs.

Our personnel offer the County with a highly experienced staff who have overseen major debris removal programs and successfully ensured compliance with FEMA reimbursement requirements following major disasters. **We refer to this as our "A-Team" because they have collectively responded to agencies performing disaster debris removal and recovery operations for 31 major FEMA disaster declarations.** Below summarizes our proposed key staff:

Ronna Bennett – Project/Operations Manager. Ms. Bennett has 16 years of diverse experience providing disaster debris recovery services on FEMA and FHWA-ER and Road Home Programs. Ronna has served as a Project Manager and Subject Matter Expert (SME) on numerous debris recovery teams following major storm and disaster events in Oregon, Texas, Mississippi, Florida, Louisiana, and North Carolina, many of which she managed from beginning to end, having a hand in all phases and activities associated with debris management. She has very strong analytical, planning, financial, and organizational skills. She has provided expert direction, guidance, and advice to State and municipal agencies for all aspects of debris removal operations, including activities related to loading, staging, disposal site monitoring, environmental permitting, and cost eligibility for reimbursement. Ms. Bennett's major disaster experience includes her current assignment as our Branch Director/SME covering the 2020 Wildfire Debris Removal Operations (DR-4562-OR) involving hazard tree removal for ODOT. She provides strategic coordination and planning to ensure proper monitoring of the 4 prime debris contractors and total of 140 subcontractors performing work in 10 fire boundary areas, 9 counties, and impacting 120 centerline miles of State roadways. In addition to completing removal monitoring for over 4 million cubic yards of debris and 150,000 tons of ash, this project has involved clearing over 4,000 PPDR and CPDR lots; 92,000 hazard tree assessments; and disposal of 1.1 million tons of metals, concrete, and household hazardous wastes.

Other examples of Ms. Bennett similar hands-on experience include:

- ✓ **Tropical Storm Imelda (DR-4466-TX).** Ms. Bennett served TxDOT as Operations Manager/SME for debris removal monitoring operations in 6 counties where she was responsible for overseeing day-to-day supervision of the debris



monitoring staff. This included handling data reconciliation, video documentation of roadways pre and post debris removal, participation in briefings, and ensuring compliance with FEMA/FHWA regulations.

- ✓ **Hurricane Harvey (DR-4332-TX).** Ms. Bennett served TxDOT as Project Manager responsible for supervising a debris monitoring team of 75 debris monitors for the removal of disaster generated debris. Hurricane Harvey was a Category 4 storm that caused \$125 billion in damages and created 30 million cubic yards of debris. As part of this major response effort, she also coordinated an all-encompassing administrative and support team comprised of logisticians, environmental compliance specialists, and GIS/data managers.
- ✓ **Hurricane Michael (DR-4399-FL).** Ms. Bennett served FLEP as Project Manager in Gulf and Jackson Counties managing debris removal and recovery operations which involved a staff of 300 plus monitors and oversight of 250 contractor crews and DMS sites. In this role she also performed daily data reconciliation and provided status reporting for FDEP, the debris contractors, USACE and field staff.

SUPPORT TEAM MEMBERS. Ms. Bennett and Marion County will be supported by SMEs Jared George (FEMA & Planning), Henry Palancar (Environmental), Brandi Hoskin (Finance & Administration), and Deepali Datre (GIS/Mapping). All have extensive experience serving federal, state, and local clients recover from major disasters and are currently working together on the ODOT project with Ms. Bennett. A brief explanation of their experience in their current and proposed roles supporting our Oregon Operations is provided herein, while their resumes provide greater details of their similar project experiences.

Jared George – Subject Matter Expert (FEMA & Planning). Mr. George has over 15 years' experience preparing Disaster Debris Management Plans and managing disaster debris removal projects. Since 2006, he has managed disaster debris removal projects funded by FEMA's Public Assistance (PA) and FHWA's Emergency Relief (ER) Programs totaling approximately \$2 billion in the states of Alabama, Arkansas, Colorado, Connecticut, Florida, Georgia, Kentucky, Louisiana, New York, Oklahoma, Rhode Island, South Carolina, and Texas. He currently works with Ms. Bennett on the Oregon Department of Transportation 2020 Wildfire Debris Removal Project (DR-4562-OR). Mr. George's wealth of experience ensuring compliance with all applicable Federal, state, and local regulations and requirements, as well as his knowledge of FEMA Project Worksheet development will help avoid mistakes from occurring that could slow down the recovery and reimbursement processes. **In addition to the ODOT Project, his other specific similar experience includes:**

- ✓ **Hurricane Michael (DR-4399-FL), FDOT District 3:** Mr. George served as a Project Manager and was responsible for debris monitoring operations on this project, which included the removal of **17 million cubic yards of debris and \$500 million in removal costs**. The storm event required the generation of over 1 million debris tickets. He supervised the recruitment, onboarding, and training of over 1,000 debris monitors.
- ✓ **Severe Winter Storm (DR-4166-SC):** Mr. George served as Operations Manager/SME for South Carolina DOT responsible for managing removal monitoring of more than 150,000 hazardous trees and 2 million cubic yards of disaster generated debris. At its peak the debris team included over 1,000 field supervisors and debris monitors.

Henry Palancar – Subject Matter Expert (Environmental). As part of our ODOT team, Mr. Palancar has been responsible for developing the Environmental Protection Plan and assisting with development of the DRMP. These plans lay the path for how the debris removal program operates without violating permits or restrictions related to waterways, endangered species, asbestos and archaeological/natural resources. Under Henry's supervision our environmental unit, working from our Marion County hub office has completed over 3,600 environmental reviews in order to ensure that all protocols and policies set in place by the Operational Plan were implemented and followed by the debris contractors.

Brandi Hoskin – Subject Matter Expert (Finance/Administration Chief). Ms. Hoskin has over 14 years of diverse

MAJOR DISASTERS SUPPORTED BY CDR's "A" TEAM

Tropical Storm Imelda (DR-4466-TX)
Hurricane Harvey (DR-4332-TX)
Severe Storms (DR-4454-TX)
Hurricane Ike (DR-1791-TX)
Hurricane Michael (DR-4399-FL)
Hurricane Irma (DR-4337-FL)
Hurricane Dorian (DR-4468-FL)
Hurricane Katrina (DR-1602-FL)
Tropical Storm Fay (DR-1785-FL)
Hurricane Wilma (DR-1609-FL)
Hurricane Dennis (DR-1595-FL)
Hurricane Frances (DR-1545-FL)
Hurricane Ivan (DR-1551-FL)
Hurricane Jeanne (DR-1561-FL)
Hurricane Charley (DR-1539-FL)
Hurricane Opal (DR-1069-FL)
Hurricane Erin (DR-1062-FL)
Hurricane Andrew (DR-955-FL)
Hurricane Isaac (DR-4084-FL)
Tropical Storm Debby (DR-4068-FL)
Oregon Wildfires (DR-4562-OR)
Hurricane Katrina (DR-1603-LA)
Hurricane Gustav (DR-1786-LA)
Severe Storms (DR-1971-AL)
Severe Storms (DR-1894-RI)
Hurricane Florence (DR-4465-NC)
Severe Storms (DR-1761-GA)
Winter Storm (DR-4372-MA)
Winter Storm (DR-4379-MA)
Severe Storms (DR-4200-MO)
Hurricane Katrina (DR-1604-MS)



experience providing Disaster Debris Monitoring Services, as well as performing FEMA Public Assistance and Grant Management for governmental agencies. She has served in multiple key staff positions on major disaster recovery/response projects including Project Manager (Hurricane Michael), Finance /Administration Chief, Data Manager, Debris Removal Supervisor, and Field Monitor for various disaster recovery projects. For the ODOT Team, Ms. Hoskin leads our finance team charged with performing detailed review of invoices to ensure all charges comply with the provisions of purchase orders, sub-purchase orders, contracts, leases, service agreements, grants, etc. This is a complex task considering there are 4 prime debris contractors having a total of 140 subcontractors to cover hazard tree removal activities within the 10 fire boundaries. **In addition to the ODOT Project, she has served as multiple leadership capacities disaster recovery events in Florida, Louisiana, Kentucky, and Alabama.**

Deepali Datre – Subject Matter Expert (GIS/Mapping Manager). Ms. Datre serves as GIS Manager on the ODOT Wildfire Debris Removal Project and is responsible for day-to-day collection of data from multiple means and integrating relevant GIS field data into maps for situational awareness tools used by our debris management personnel and the client decision makers. She will assist the team develop a variety of applications for use on a project dashboard that apply visual analytics or geospatially enabled analytics for Marion County's use in tracking project status.

DEBRIS OPERATIONS TEAM MEMBERS. Ms. Bennett will direct an experienced debris monitoring staff who are currently all working together and are experienced utilizing our Team's ADMS documentation system for monitoring removal activities. Our Data Manager coordinates with the Field Supervisors to ensure all electronic documentation is correct. Since the ADMS data is used to track payment approvals and may impact Project Worksheets (PWs) and Work Orders, resolving data problems timely is a vital component of weekly operations. A brief explanation of their experience follows.

Field Supervisors: Ms. Bennett has identified two Field Supervisors to initially support the County debris removal monitoring operations. They will be responsible for overseeing and coordinating the day-to-day activities of the Debris Monitors assigned to document debris contractor crew activities but, there is much to this position. The Field Supervisors are the linkage that keep operations running smoothly. The functions performed by the Field Supervisors include:

- Schedule and deploy Monitors at staging, collection, and disposal sites. Coordinate with debris contractor crews.
- Resolves field operational, eligibility, and safety issues and communicates these issues and their resolution to the Project Manager / Operations Manager and Marion County.
- Provides liaison of daily activities with support staff, federal, state, and local regulatory agencies for assuring compliance with applicable permits.

Fredrick Gibson – Field Supervisor. Fredrick has 7 years of experience performing disaster debris removal monitoring. His significant disaster response experience includes Hurricanes Delta, Laura, Dorian, Michael, and Harvey. Additionally, Fredrick is working on our current ODOT Wildfire Debris Removal Monitoring team where he works directly with Ms. Bennett and our entire team proposed for Marion County. *This assures we provide you with a team having continuity and cohesive working relationships.*

Carl Jones – Field Supervisor. Carl has 6 years of experience performing disaster debris removal monitoring. His significant disaster response experience includes Hurricanes Zeta, Laura, Michael, Harvey, as well as Severe Storms and Flooding TxDOT Lufkin District, south Texas. Carl is also working on our current ODOT Wildfire Debris Removal Monitoring team where he works directly with Ms. Bennett and our entire team proposed for Marion County. *This further assures we provide you with a team having continuity and cohesive working relationships.*

David Papin – ADMS Data Manager. Since 2008, Mr. Papin has been providing disaster debris recovery monitoring and FEMA PA for state and local governments. David has served as a Debris Data Manager, Field Supervisor, and Recovery Specialist for projects involving debris management and FEMA PA for over two dozen disasters. In his role on our current ODOT Wildfire Debris Removal Monitoring team he works directly with our proposed Project Manager, debris hauling contractors and monitors providing daily, weekly, or other periodic review of the automated record system, as well as preparing reports noting work progress and efficiency, current/revised estimates, project completion status, and other schedule forecasts/updates. He also assists Ms. Bennett with preparation of the supporting documentation for PWs and specifically conducts QA/QC of load ticket information.

SUBCONSULTANTS THAT MAKE A DIFFERENCE. CDR team members bring added value to our services. Our subconsultants include Debris Tech, Mason Bruce and Girard (MBG), Maul Foster Alongi (MFA), and Historical Research Associates, Inc. (HRA). We have teamed with these firms on debris monitoring projects in Oregon and across the country.



This provides added assurance for Marion County of a well-coordinated, cohesive team response in emergency situations, when every moment counts. Here is how each augments our team capabilities:



DebrisTech - Since 2017, they have performed debris monitoring in 7 states including Oregon. They are part of CDR's ODOT Wildfire Debris Removal Team. They enhance our robust ADMS expertise and debris monitoring resources.

MBG - Celebrating their 100th year anniversary providing natural resource consulting services to the private and public sectors, MBG has earned the reputation for providing solutions that meet client long-term goals. They are headquartered in Portland, OR and are a multidisciplinary firm specializing in forestry, environmental, and geospatial consulting. Their services can be provided if desired by the County to augment existing specialty services by internal or existing resources.



MASON, BRUCE & GIRARD



Historical Research Associates - Since 1974, they have provided cultural resources management, historical research, and litigation support for public and private clients across the country. Their services can be provided if desired by the County to augment existing specialty services by internal or existing resources.

MFA - Based in the Pacific Northwest, MFA is an integrated multidisciplinary professional organization. Their environmental consulting services works collaboratively with regulatory agencies to provide solutions to ensure against future environmental liabilities. Their services can be provided if desired by the County to augment existing specialty services by internal or existing resources.

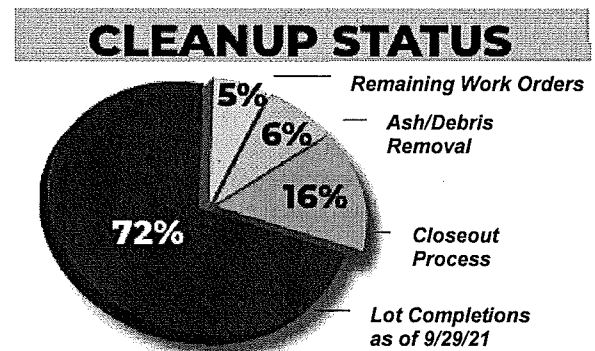


All CDR key team members and debris operations staff identified are available and committed for the full duration of the project.

STAFFING PLAN

CDR's staffing plan is easily scalable to meet the plan development needs depending on the status of the pre-existing removal processes, as well as the actual conditions encountered. Our estimate of hours shown within **Attachment 4, Current Practices Assessment/Comprehensive Storm Debris Removal Monitoring Plan & Tools Development**, is based on the direct involvement of Project-Operations Manager Ronna Bennett and the SME Support Staff members identified. This assures the County of a well-designed plan by personnel whose strengths and existing relationships performing debris removal monitoring in Oregon allow for a thorough, synchronized effort. It also ensures our plan developers remain engaged from "Day 1" and on-hand to assist with adjustments as they support the operations.

The ODOT 2020 Wildfire Debris Cleanup is approximately two-thirds complete. The adjacent graphic reflects the status of completion for PPDR and CPDR lots at the end of September. The hazard tree removals over all 10 fire boundary areas are also 67% complete with debris removal from within the roadway right-of-way complete in several of the fire boundaries. We currently have 130 people working on the project, down from 400 staff at the peak of operations. As this work nears completion, we can dedicate the key staff shown to Marion County without diminishing the level of service to the State or County. In addition, our ability to manage both projects from our hub office in Salem allows for value-added efficiencies by having the ability to schedule debris monitors daily based upon the ebb and flow of contractor crews.



WORK PLAN



MOBILIZATION – CDR's Team needs no mobilization because the entire team is working in the County. Immediately upon notification of contract award, CDR's Project-Operations Manager and our Planning and Operations SMEs can meet with Marion County's Debris Manager and other members of the Debris Management Team to begin reviewing the status of the existing storm debris removal project. This meeting is intended to provide the CDR Team an overview of the current debris assessments, existing debris collection data, estimated remaining debris quantities and types, identification of Temporary Debris Storage and Reduction (TDSR) sites, identification of current permits obtained, identify other public facilities that were damaged during the winter storm, review any FEMA applicant



briefings, and other pertinent information that will ensure a successful project. A Marion County specific project dashboard will be created and our ADMS will be updated to assist in the assimilation of data for Marion County and FEMA financial reporting requirements. Our existing GIS maps of the area will be updated with specifics of the County debris operations and facilities. We stand ready to support Marion County.



CURRENT PRACTICES ASSESSMENT – CDR will conduct a Strengths, Weakness, Opportunities, and Threats (SWOT) analysis of the County's current debris removal monitoring practices to date. The analysis will include reviewing current processes and documentation for DR-4599-OR against 2 C.F.R. Part 200, Title 44 of the C.F.R., and the Public Assistance Program and Policy Guide (PAPPG) Version 4 (June 1, 2020). CDR understands the 2021 winter storms received a FEMA Major Declaration allowing for Categories A - G to receive Public

Assistance. The SWOT Analysis will facilitate identification of shortcomings and data problems within the pre-existing debris removal documentation, as well as a strategic plan to be implemented with a goal of resolving them in a manner compliant with FEMA guidelines so that Marion County maximizes their potential reimbursement. Our SMEs will incorporate our experiences and lessons learned on existing debris removal monitoring within Oregon to meet your incident objectives.

DEBRIS REMOVAL MONITORING PLAN (DRMP) AND TOOLS DEVELOPMENT

– The CDR Team will conduct individual site assessments in preparation for storm debris removal and will create a Site-Specific DRMP for each assigned location. This will involve close coordination with the County's Debris manager to ensure environmental protection measures are maintained. Our team will support the Oregon Department of Environmental Quality (DEQ) and Health Department permitting compliance measures. We will also assist the County to address any siting issues related to cultural resources. Coordination of traffic control at loading sites and at entrances to and from debris management sites will be detailed to ensure maintenance of traffic (project signage, Variable Message Signs, and temporary traffic control) is conducted in accordance with Marion County's Public Works Department policies and right-of-way permits throughout the project lifecycle. If removal activities on parcels will create a roadway blockage or hinder traffic patterns, we will assist in obtaining any required local permits and ensure all warning signs are posted, as required by state and local ordinances. Water sources (wetlands) will be flagged and/or identified on maps included in each Site-Specific DRMP so that all field personnel know their locations and will administer the appropriate procedures when working in their vicinity. To the extent possible, we will work with the County to have underground and overhead utilities labeled on maps in the Site-Specific DRMP, as well as any potential site access issues that may require additional work by the debris removal contractor.



CDR understands that disposal sites may already be in use. As the remaining debris removal activities will occur during fall and winter months, our plan will focus on ensuring sites have paved or heavy rocked surfaces to prevent wear and damage. Temporary sites will need to be 1-2 acres in size and allow for equipment to freely move in and out of the area. Permanent sites will need to be 2-5 acres in size and allow for easy equipment ingress and egress. Our team will recommend an appropriate number of sites needed (or adjustment to existing sites) to limit the amount of hauling and sorting of material over the winter. Traffic control will be updated as needed to adjust for changing conditions on site and in the area. Updated traffic plans will be reviewed by the appropriate Marion County representatives and communicated to all project personnel through the Daily Incident Action Plan.

The Plan will address equipment and material staging areas and ensure each are clearly identified with signage and flagging. Both temporary and permanent locations will be labeled on maps and GIS files. CDR's Environmental support personnel will assist with identifying new equipment and material staging areas as needed. Aerial Pictometry and obliques will be linked to all associated records for each site (including plans, permits, equipment ingress and egress logs, material receiving and distribution logs, site close-out documents, maps, etc.) and will be available for viewing on a dashboard. The Plan will include recommendations for best management practices to avoid impacts to regulated resources. When regulated resources are present within or abutting proposed areas, we will coordinate with regulatory agency staff to provide concurrence on appropriate use of the site to minimize or avoid permitting requirements.



DEBRIS REMOVAL MONITORING / OPERATIONS STAGE - The CDR team will serve as an extension of Marion County and will provide a full-service debris monitoring team, including collection and disposal site monitors, permitting and environmental specialists, administrative staff, and state of the art technology necessary to successfully complete the debris disposal operation. *Our role will be to monitor contractor*

operations for removal of the remaining winter storm debris, ensuring proper truck certifications and load eligibility for FEMA reimbursement, and to find operational and innovative ways to control costs, reduce waste, eliminate fraud and maximize and speed up reimbursement. Accomplishing this is greatly aided through use of a comprehensive electronic debris

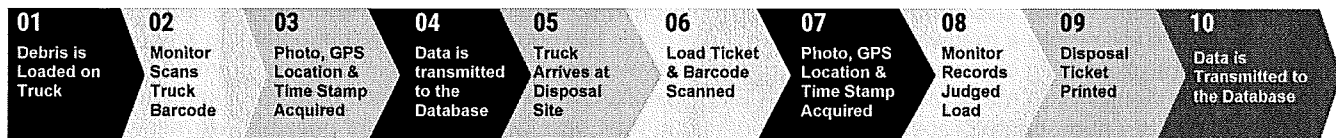


management system.

CDR uses the Debris Tech Electronic/Automated Debris Management System (ADMS). This system combines software, hardware, and a communications infrastructure to capture and manage data and generate reports. It meets the USACE ACI standard for ADMS as part of its Advance Contracting Initiative and can document a variety of debris removal activities and programs including truck certifications; right-of-way collections; private property and commercial property debris removal (PPDR, CPDR); hazardous leaners and hangers; demolition; haul out/disposal; project administration; and monitor management.

Our Team's ADMS is modeled after a proven debris monitoring method that utilized a combination of handwritten paper tickets, electronic databases, and a Geographic Information System (GIS). The ADMS follows this same model but replaces the handwritten tickets with real-time data collection devices. Paper receipts are still available but are no longer the primary record. Our handheld devices and software add a new level of documentation and security features. *The built-in automated fraud detection and audit tools significantly reduce potential for fraudulent activities that might result in costly de-obligations.*

Our Team's ADMS also provides real-time access to all aspects of debris removal operations through a Central Information Database (database). Data is fed to the database in real-time by Debris Removal Monitors with iPad devices. Authorized users have access to many different reports summarizing daily, weekly, or monthly activity by truck number, subcontractor, Right-of-Entry number, and other required documentation. This allows our team to track the location and progress of debris removal crews, track the type and quantity of debris being collected, as well as fully document the loading and disposal locations, time, date, contractor, personnel, and equipment used. The real-time system eliminates the need for data entry clerks to enter paper tickets manually. A key feature of our fully operational ADMS is the use of electronic tickets and truck certification modules. The Debris Collection module allows for the almost instantaneous processing of load tickets, ensures that all necessary fields are complete, and allows for near real time reporting. Although tickets are issued electronically, paper tickets along with signatures are also provided for record keeping purposes. Here is how the sequence works -



With the click of a button, Marion County and other stakeholders are able to visualize disposal site status, discern cumulative debris hauled, locate staging areas, and know when contractors have gone through an area by simply viewing the map or generating customized reports. These maps are made available via a web-based project website with authorized access rights. **Here are a few highlights at key points in the debris monitoring operation:**

1 Truck Certifications: The ADMS truck certification process registers authorized debris hauling vehicles and equipment by capturing digital images and submitting electronic certification forms. Vehicle certifications identify the project and contract holder. Individual pieces of equipment are permanently tied to a unique bar code that is affixed to the bodies of the truck or trailer. Standard forms of measure are utilized to record the vehicle volume capacity utilizing industry standard equations in each registration record created. Each member of the certification team is issued a unique bar-coded ID that is scanned and becomes part of the certification form. The member certifying the vehicle must also sign the electronic form using the signature capture feature. The System automatically rejects vehicles that are not certified or associated with the current event. Certification records are available online, and in downloadable and printable form for authorized users.

2 Leaners and Hangers: One of the most contested debris items storm events are the removal of leaning trees, hanging limbs and fallen trees. CDR follows the guidance of FEMA-325 regarding proper documentation and removal of all leaners, hangers, and stumps. Leaning and hanging trees are issued serialized, barcoded tickets by using our ADMS. These tickets serve as a physical receipt for the driver. Electronic images of leaners, hangers, stumps, as well as GPS coordinates and measurement data are transmitted back to the database for real-time viewing.

DEBRISTECH
ELECTRONIC DEBRIS MANAGEMENT SYSTEM
Truck Certification Form
Hurricane Michael Debris Removal
Bay County Board of Commissioners
Current Truck Number 00004936

Truck Owner: JM Truck Type: Self Loader
Truck Tag State: KY Truck Tag Number: 320704 Sub Code: CROEJAM
Trailer Tag State: Trailer Tag Number: Capacity (CY): 78
Owner Truck No: 1

Diagram of truck bed dimensions:
308" (length), 18.44" (width), 26" (height), 85" (width), 77" (height), 285" (length), 69" (width), 56.8" (height).
78 CY 101" Width

Bed Hoist (Inches):
L1: L2:
W: H:
End Radius (Inches):
R: H:
Bottom Radius (Inches):
R: L:

Measured By: Raymond Pitts Date Measured: 4/16/2019 2:43:43
www.DebriTech.com



3

Load / Disposal Tickets: The Debris Loading Site Monitor is responsible for collecting specific information about each load of debris by using their handheld device to scan the barcode on the truck placard. Scanning the barcode on the truck captures the unique truck identification number which is used by the database to relate specific information about the truck to the specific load. When the truck barcode is scanned, the handheld device automatically captures the current GPS coordinates along with a date and timestamp. The Monitor then uses the handheld device to take a digital picture of the loaded truck at the site and scan the barcode on a pre-printed paper ticket. The paper ticket is given to the truck driver and all information collected for the load is wirelessly uploaded to the database. *The adjacent picture shows an ADMS generated load ticket on our current ODOT project.* The data will be processed, downloaded to our servers and processed through our enterprise ADMS system. The information is then displayed graphically and disseminated via our customized web-interface.

4

Data Visualization & GIS Geo-Fencing: The ADMS also has interactive mapping features that allow users to view the exact pickup and disposal location for each debris ticket in real-time. This enables the ADMS to deny debris ticket acceptance if the contractor loads outside of the prescribed work zone. The ADMS assigns loads to certain districts of the County's maintained territories, such as, towns, or private communities. It captures the location of each debris pile and debris type, and their GPS coordinates prior to it being loaded in a certified truck. This information includes a date and time stamped photo of the debris.

5

Payment Monitoring and Reconciliation: *One of the most important aspects of the debris removal operation is the process of reviewing thousands of load tickets and reviewing, reconciling, and approving contractor invoices on a timely basis in order to provide the applicant accurate expenditure estimates. Our ADMS allows our clients to track payment approvals and their impacts on Project Worksheets and Contractor Work Orders.* CDR's Invoice Reconciliation Process is designed to ensure 100% accuracy of all contractor billing, including elimination of duplicate charges and/ or erroneous unit prices, and unsupported or unsubstantiated claims for payment; ensure that all billed items are authorized and within the scope of contracted work; minimize related overhead effort required by the County via efficient handling of reconciliation issues and collaboration with County Fiscal staff. This information is also available to our clients, contractors, and stakeholders, 24/7 via Internet access to our enterprise ADMS database and Project Website.

While engaged by Bay County, FL to manually review and reconcile over 1,000,000 tickets and over \$300 million in debris reimbursement expenses, CDR invested in technologies that would dramatically improve the speed of this process. It included OCR text recognition of tickets and algorithms to search for incorrect billing, ineligible debris, invalid truck volumes and a host of other items. The input, review, and approval of tens of thousands of load tickets can now take place in approximately 8 hours, instead of weeks. Our ADMS allows our clients to track payment approvals and their impacts on Project Worksheets and Purchase Orders. As a result, the County is better able to ensure that proper funding is in place and may generate any need adjusted Project Worksheets.

CDR is aware of the Oregon Health Authority's Mask Recommendations and Requirements. Utilizing the NIMS ICS model, our Salem Office Health and Safety Officer has already developed a health and safety plan for our ODOT Debris Monitoring Project that is approved and implemented in accordance with OSHA, OHA, and CDC. This plan will be enhanced to cover the Marion County debris operations team.



PROJECT COMPLETION DOCUMENTATION & CLOSEOUT - CDR has successfully closed out many disaster debris removal projects for our clients. To-date, CDR has a near 100% reimbursement rate. At project closeout, the CDR team will provide to Marion County all project documentation in electronic format. We will



store hard copies and electronic files for a minimum of 10 years or closeout from the appropriate federal agency, whichever is later. CDR will assist Marion County in preparing the final reports necessary for reimbursement by FEMA and other applicable agencies for disaster recovery efforts by Marion County's staff and designated storm debris removal contractors. The CDR Team will prepare a comprehensive file for each authorized FEMA project category to include all associated documentation including a financial summary.

CDR's Project-Operations Manager and staff will assist Marion County in completing financial summary information for each property in a manner and level of detail acceptable to Marion County and FEMA to document complete project costs. They will ensure we finalize and deliver all documentation to support federal reporting and auditing requirements. Our Team will remain ready to provide the County with support for Project Worksheets, data management or audit support.

Meetings and After-Action Reporting (AAR): CDR will conduct AAR meetings and reports for work performed on this project to identify, assess and evaluate the functions, conduct meetings with key personnel to discuss these functions, and develop an after-action report or improvement plan to document the lessons learned. Using the concepts of the ICS, our team will coordinate with Marion County to determine the storm debris-related functions to assess for the AAR meeting. Once the list of functions is finalized, CDR will conduct a half-day AAR meeting with key personnel and others identified by the Marion County Debris Manager, to discuss the successes and lessons learned from these storm debris operations. The report will provide recommendations to address gaps in the storm debris-related functions and will include an improvement plan matrix for Marion County to track improvement actions. The final report will include best management practices that have been instituted as a result of the operational standards set forth on this winter storm, including means and methods to enhance the effectiveness and efficiencies of storm debris removal operations. We will also conduct meetings to review changes to the report and make the changes and provide the final version electronically to Marion County.

SCHEDULE

Task / Service	Deliverables	Schedule
Preconstruction Meeting	In-person Data Collection	Day 1
Review County Debris Removal Monitoring Practices for tracking/reporting weaknesses	SWOT Analysis Report	Days 2 - 7
Debris/Disposal Site Assessments	In-person Data Collection	Days 2 - 7
Develop Storm Debris Removal Management Plan	DRMP covering Collection and Disposal Sites	Days 8 – 21
Setup Documentation and Communication Tools	Project Dashboard/Sharepoint; GIS Mapping; ADMS Server and Handheld devices	Days 8 - 28
On-Site Debris Removal Monitoring	Electronic Documentation and Reporting via ADMS	Beginning Day 21 and beyond. Duration dependent on debris volumes, crews, County desired timeframes for completion.
Close-out / FEMA Audit Support	All project documentation in electronic format; FEMA Financial Summary Reporting	Upon completion of debris removal operations.

COST CONTROL

As a cost control measure, CDR Sr. Vice President William Wages, P.E. will perform monthly financial reviews of the project and prepare a Cost Control Report (CCR) comparing the current burn rate with the remaining funds of the contract and percentage of project completion to ensure sufficient funds remain to stay within the budget. The CCR will be submitted to the County along with each invoice submitted by the Consultant. We also use Aladtec employee scheduling and labor tracking software to match staff based upon skill, availability, and their proximity to contractor crews. Monitors can enter their timesheets via cell phone or tablet and the system sends text and e-mail notifications of their report times and places for upcoming operational periods. Supervisors can schedule monitors to report to rally points for safety/operational briefings, and receive daily operations maps. Adjustments can be accommodated in the system with real-time notifications between staff. This system is a game changer as it allows us to dispatch monitors directly to crew locations, saving time, and expense.

Attachment 1. Proposal Form

OFFEROR NAME: CDR Maguire, Inc.

ADDRESS: 2025 Vista Avenue SE, Suite 170, Salem, Oregon 97302

TELEPHONE NUMBER: 305-807-5016 EMAIL: carlos.duart@cdrmaguire.com WEB SITE: www.cdrmaguire.com

TAXPAYER ID NUMBER: 05-0318211 DATE/STATE OF INCORPORATION: August 2012/Delaware

BUSINESS DESIGNATION: ☒ Corporation ☐ Sole Proprietor ☐ Partnership
☐ S Corporation ☐ Non-Profit ☐ Government
☐ Other: _____

CERTIFICATION/LICENSE NUMBER: _____

The undersigned further acknowledges, attests and certifies individually and on behalf of the Proposer that:

1. That this proposal is, in all respects, fair and without fraud; that it is made without collusion with any official of the county; and that the proposal is made without any collusion with any person making another proposal on this Contract.
2. Information and prices included in this proposal shall remain valid for ninety (90) days after the proposal due date or until a Contract is approved, whichever comes first.
3. The Proposer acknowledges receipt of all Addenda issued under the RFP.
4. The Proposer certifies that it does not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, handicap, financial ability, age or other non-job-related factors as per ORS 659 and USC 42 2000e.
5. The Proposer, acting through its authorized representative, has read and understands all RFP instructions, specifications, and terms and conditions contained within the RFP and all Addenda, if any;
6. The Proposer agrees to and shall comply with, all requirements, specifications and terms and conditions contained within the RFP, including all Addenda, if any;
7. The proposal submitted is in response to the specific language contained in the RFP, and Proposer has made no assumptions based upon either (a) verbal or written statements not contained in the RFP, or (b) any previously-issued RFP, if any.
8. The Proposer agrees that if awarded the Contract, Proposer shall be authorized to do business in the State of Oregon at the time of the award;
9. The signatory of this Proposal Form is a duly authorized representative of the Proposer, has been authorized by Proposer to make all representations, attestations, and certifications contained in this proposal document and all Addenda, if any, issued, and to execute this proposal document on behalf of Proposer.
10. By signature below, the undersigned Authorized Representative hereby certifies on behalf of Proposer that all contents of this Proposal Form and the submitted proposal are truthful, complete and accurate. Failure to provide information required by the RFP may ultimately result in rejection of the proposal.

CERTIFICATION REGARDING DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS - The Offeror certifies to the best of its knowledge and belief that neither it nor any of its principals:

1. Are presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from submitting bids or proposals by any federal, state or local entity, department or agency;

2. Have within a five-year period preceding the date of this certification been convicted of fraud or any other criminal offense in connection with obtaining, attempting to obtain, or performing a public (federal, state, or local) contract, embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
3. Are presently indicted for or otherwise criminally charged with commission of any of the offenses enumerated in item number 2 of this certification;
4. Have, within a five-year period preceding the date of this certification had a judgment entered against contractor or its principals arising out of the performance of a public or private contract;
5. Have pending in any state or federal court any litigation in which there is a claim against contractor or any of its principals arising out of the performance of a public or private contract; and
6. Have within a five-year period preceding the date of this certification had one or more public contracts (federal, state, or local) terminated for any reason related to contract performance.

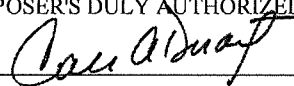
Where Offeror is unable to certify to any of the statements in this certification, Offeror shall attach an explanation to their offer. The inability to certify to all of the statements may not necessarily preclude Offeror from award of a contract under this procurement.

IF THE PROPOSAL IS MADE BY A JOINT VENTURE, IT SHALL BE EXECUTED BY EACH PARTICIPANT OF THE JOINT VENTURE.

THIS OFFER SHALL BE SIGNED BY AN AUTHORIZED REPRESENTATIVE OF THE PROPOSER; ANY ALTERATIONS OR ERASURES TO THE OFFER SHALL BE INITIALED IN INK BY THE UNDERSIGNED AUTHORIZED REPRESENTATIVE.

SIGNATURE OF PROPOSER'S DULY AUTHORIZED REPRESENTATIVE FOR ALL SECTIONS:

Authorized Signature: _____



Print Name: Carlos A. Duarte

Title: President/CEO

Contact Person (Type or Print): Carlos A. Duarte

Telephone Number: 305-807-5016

Email: carlos.duarte@cdrmaguire.com

The Offeror will notify the County representative on the cover page of this RFP within 30 days of any change in the information provided on this form.

Attachment 3: Reference Form

Proposer must provide references that can be contacted regarding the quality of workmanship and service provided to current and past customers.

Project Reference #1

Name of Project: 2020 Oregon Wildfire (DR-4562-OR) Hazardous Tree Removal & Debris Monitoring
Project Location: State of Oregon
Project Date: December 2020 to Present
Firm Name for Contact Person #1: Oregon Department of Transportation
Name of Contact Person #1: Joseph J. Squire, P.E.
Telephone Number for Contact Person #1: 503-986-3123
Email Address for Contact Person #1: joe.squire@odot.state.or.us

Project Reference #2

Name of Project: Hurricane Irma (DR-4337-FL) Debris Monitoring
Hurricane Matthew (EM-3377-FL) Debris Monitoring
Project Location: Clay, Collier, Duval, Putnam, and St. Johns County, Florida
Project Date: September 2017 to February 2021
Firm Name for Contact Person #1: Florida Department of Environmental Protection
Name of Contact Person #1: Scott Woolam, Bureau Chief
Telephone Number for Contact Person #1: 850-245-2806
Email Address for Contact Person #1: scott.woolam@dep.state.fl.us

Project Reference #3

Name of Project: Hurricane Irma (DR-4337-FL) Disaster Recovery Consulting Services
Project Location: Collier County, Florida
Project Date: September 2017 to Present
Firm Name for Contact Person #1: Collier County Consortium
Name of Contact Person #1: Len Golden Price
Telephone Number for Contact Person #1: 239-252-8908
Email Address for Contact Person #1: len.price@colliercountyfl.gov

The references will be used to confirm the selection rather than as an evaluation criterion. However, if several proposers are close in the final evaluation, references may be used to select the best evaluated proposer.

Cost Proposal.

The Cost Proposal shall include: (a) the total dollar amount requested to complete the assessment and comprehensive monitoring plan phase of the project as well as staff and/or equipment rates for ongoing monitoring work for an unspecified amount of time. (b) any other resources, including in-kind, that will support the proposed project, (c) the number of anticipated hours and rate of the project manager and key team members inclusive of all services, expenses, and fees (i.e., Payroll expenses – hours/rate/title, Admin, Overhead, etc.). The estimated level of hours for other staff can be summarized in general categories. Proposer must submit Cost Proposal using Attachment 4: Cost Proposal Submission Form.

Attachment 4

Cost Proposal Submission Form

Please fill out the tables below and add rows if necessary:

Current practices Assessment/Comprehensive Storm Debris Removal Monitoring Plan & Tools Development			
Staff	Hr. Rate	# Of Hours	Total
Project/Operations Manager	\$85.00	60	\$5,100.00
Subject Matter Expert	\$150.00	80	\$12,000.00
Data Manager	\$65.00	80	\$5,200.00
GIS Manager	\$65.00	25	\$1,625.00
Administrative Assistant	\$36.00	60	\$2,160.00
Perform, Current Practices Assessment / Comprehensive Storm Debris Removal Monitoring Plan Task. Our estimate is this work could be completed within a three-week period.			
Total Cost:			\$26,085.00

Ongoing Storm Debris Monitoring Services (Debris Monitoring Services for Unspecified Time)	
Staff/Equipment/Other	Hr. Rate
Project/Operations Manager	\$85.00
Subject Matter Expert	\$150.00
Administrative Assistant	\$36.00
Data Manager	\$65.00
GIS Manager	\$65.00
Finance and Administrative Chief	\$ 80.00
Field Supervisor	\$58.00
Debris Monitors	\$39.00

We have identified subconsultants within our proposal to perform additional services such as: Environmental Services, Archaeological Services, Environmental Permits and Compliance Services, Forestry Services, Cultural Reviews, and Erosion and Sediment Control Services should the County desire these Services under the Debris Monitoring Task.

July 1994 – November 1996
responsibility for design and development of site-wide
(GIS). I successfully implemented a working prototype, to
business objectives.

August 1992 – June 1994
managing my time to organise
business Re-

RESUMES

RESUME

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**Carlos Duarte, CDR Maguire, Inc.
Principal-in-Charge**

CDR|MAGUIRE
EMERGENCY MANAGEMENT

EXPERIENCE SUMMARY

Carlos Duarte is the owner and president of CDR. Mr. Duarte has over 25 years of emergency management experience and is experienced in debris monitoring, FEMA and FHWA reimbursement requirements.

RELEVANT EXPERIENCE

Mr. Duarte has been involved in over a dozen disasters. In the past five years, he has served as the principal-in-charge for the following projects involving debris management:

Oregon Department of Transportation, Hazardous Tree Removal and Debris Monitoring – DR 4562-OR, 11/2020 to Present: CDR's Debris Management Team is providing identification of hazardous trees for removal and monitoring the removal of hazardous trees and other debris types (slashed tress, asbestos, C&D, burned ash, contaminated soil, miscellaneous metals, vegetation, and burned vehicles). At present, 37 debris monitor crews are at work and CDR is managing two areas of operations (North and South Command). It is anticipated that 10 million cubic yards of debris will be removed.

Bay County, FL, Debris Monitoring and Disaster Recovery Services, Hurricane Michael – DR-4399-FL, 9/2018 to Present: Principal-in-Charge of largest local-led debris effort in FEMA history, which involved 19.5 million cubic yards of debris costing \$250 million. Overseeing CDR's "Monitoring the Monitor" program allowing for accelerated Cat A Project Worksheets (PWs) to be written and reimbursed for more than \$130 million. Providing subject matter expertise on ROW debris, waterway debris and PPDR operations for Cat A. Providing subject matter expertise on FEMA Grants Portal, site inspections and capped projects.

Collier and Monroe County, Florida, Debris Monitoring and Disaster Recovery Services, Hurricane Irma, DR-4337-FL, 9/2017 to Present: Assisted eight separate applicants in the state of Florida with over \$150M in damages. Received the first obligated PW utilizing FEMA's Grant Portal in the State. Successfully lobbied for the application of FEMA's DAC Pilot project, securing \$5 to \$7 Million in DAC funding for our applicant. Managed over 75 personnel at the height of recovery.

Florida Department of Environmental Protection, Debris Monitoring and Public Assistance, Hurricane Matthew, DR-4283-FL, 2016 to 2018: CDR was one of three firms brought in under emergency order to oversee and manage debris operations along the State's longest river and was the only firm selected to oversee the entire Public Assistance Grant Management process for the whole undertaking. The St. Johns River borders twelve (12) different counties along the state, three of which are the state's largest counties. It is the state's longest river at 310 miles long, and the most significant one for commercial and recreational use.

YEARS OF EXPERIENCE

25 YEARS (Since 1996)

EXPERTISE

Debris Management
FEMA PA
FHWA-ER
Project Management
Finance & Grant Administration

DISASTERS

Oregon Wildfires (DR-4562-OR)
Hurricane Michael (DR-4399-FL)
COVID-19 (DR-4486-FL)
Hurricane Irma (DR-4337-FL)
Hurricane Matthew (DR-4283-FL)
Severe Winter Storm (DR-4166-SC)
Severe Flooding (DR-4145-CO)
Hurricane Issac (DR-4080-LA)
Hurricane Ike (DR-1791-TX)
Hurricane Dennis (DR-1595-FL)
Hurricane Jeanne (DR-1561-FL)
Hurricane Ivan (DR-1551-FL)
Hurricane Opal (DR-1070-FL)

EDUCATION

Harvard Business School Executive
Education Program
M.S. Taxation, Florida International
University (FIU)
B.S. Accounting, FIU

**Ronna Bennett, CDR Maguire, Inc.
Project/Operations Manager**

CDR/MAGUIRE
EMERGENCY MANAGEMENT

EXPERIENCE SUMMARY

Ms. Bennett's experience includes FEMA Public Assistance Categories A-B, FHWA ER Program, and Road Home Program. She has served as a key team member in large debris monitoring projects from beginning to end, having a hand in all phases and activities associated with debris management. In the years following Hurricane Katrina, she worked with local contractors in providing displaced renters and homeowners with temporary housing as well as property reconstruction. Through her experience she has developed a strong working relationship with clients and contractors to maximize recovery, minimize costs, and complete the project in a timely and safe manner. She continuously attends training and classes to expand her knowledge and stay current on policy.

RELEVANT EXPERIENCE

Branch Director/Operations Manager, CDR Maguire, Inc., 2020 Wildfires (DR-4562-OR), Oregon Department of Transportation, November 2020 to Present: Provides strategic coordination and planning to ensure resources tracking, movement coordination, and incident support. Effectively coordinates and ensures proper monitoring of the 4 prime debris contractors and total of 140 subcontractors performing work in 10 fire boundary areas, 9 counties, and impacting 120 centerline miles of State roadways.

Debris and DMS Tower Monitor, Severe Storms, Tornadoes, Straight-Line Winds and Flooding, Jones, Jasper, Jefferson Davis Counties, Mississippi, 2020: Served as a monitor for stump and hazardous hanger and leaner debris removal operations. As a Tower Monitor, ensured that loads brought in were accurately credited and that the unit was empty prior to departure from the DMS. Also assisted supervisor with new hire training. As a debris monitor, documented contractor work to ensure that hazardous tree removal was done in accordance with FEMA guidelines for eligibility.

Field Response, Team Rubicon, COVID-19, Mississippi, 2020: Served as a Response Field member delivering medical, food and necessity goods to community residents. She was also involved with temporary testing site activation.

Operations Manager, Metric Engineering, Tropical Storm Imelda, Texas Department of Transportation - Beaumont District, 2019: Provided Operations support for debris removal operations in 6 counties on FHWA rights-of-way. Responsible for overseeing day-to-day operations and supervision of monitor staff. Other duties included providing daily reports to Project Manager and TXDOT Maintenance Supervisors, data reconciliation, video documentation of roadways pre/post debris removal, and attend TXDOT briefings.

YEARS OF EXPERIENCE

16 YEARS (Since 2005)

EXPERTISE

Debris Management
FEMA PA Eligibility
FHWA Right-of-Way
Project Close-Out
Quality Control

DISASTERS

Oregon Wildfires (DR-4562-OR)
Severe Storms (DR-4551-MS)
COVID-19 (DR-4528-MS)
Tropical Storm Imelda (DR-4466-TX)
Hurricane Dorian (DR-4468-FL)
Severe Storms (DR-4454-TX)
Hurricane Michael (DR-4399-FL)
Hurricane Florence (DR-4465-NC)
Hurricane Harvey (DR-4332-TX)
Severe Floods (DR-4277-LA)
Severe Floods (DR-4223-TX)
Severe Floods (DR-4228-LA)
Tornado (DR-4101-MS)
Hurricane Katrina (DR-1603-LA)

EDUCATION

BA, Marketing,
Southeastern Louisiana Univ., 2003

MILITARY

Medic, U.S Army Veteran, 1987-1990

Project Manager, Florida Department of Transportation – District 1, Hurricane Dorian, 2019: Served as Project Manager for pre-event mobilization activities in preparation for emergency road clearance. Selected and trained Field Supervisors for her assigned area and assisted in pre-event mobilization preparedness. Certified the Cut and Toss contractor equipment and established staging areas. Attended daily briefings with FDOT and was a member of the Metric's Response planning team.

Project Manager, Texas Department of Transportation - Lufkin and Bryan Districts, and City of San Augustine) Severe Weather Event, 2019: Recruited, hired, and trained Field Supervisors and Monitors for debris removal operations. Provided daily reporting to TXDOT and County Supervisors, including project status updates and schedule for crews and locations. Verified and validated data and preformed project Close-Outs.

Project Manager, Florida Department of Transportation - District 3, Hurricane Michael, 2018: Responsible for day-to-day hazard tree removal operations for Gulf and Jackson County. Managed a staff of 300 plus monitors and oversaw activities of 250 plus contractor crews and 9 DMS sites. Performed daily data reconciliation and status reports to client, contractor, USACE and field staff.

Operations Manager, Landfall Strategies, City of Wilmington, North Carolina, Hurricane Florence, 2018: Trained and supervised a staff of 40 plus personnel responsible for monitoring hanger and leaner removal crews. Held morning meetings with staff and contractor crews covering safety and eligibility issues. Handled scheduling of crews and provided daily status reports.

Project Manager, Metric Engineering, Texas Department of Transportation – Beaumont District, Hurricane Harvey, 2017: Responsible for overseeing monitoring operations for the removal of disaster generated debris. Supervised field staff of 75 plus monitors. Documented all activities and communicated daily with the client and contractor. Preformed data/ticket reconciliation and Close-Out with the Data Manager

Field Supervisor, Metric Engineering, City of Port Aransas, Texas, Hurricane Harvey, 2017: Responsible for DMS set up, contractor haul unit/equipment certifications, training/hiring of field staff, and initial damage assessment.

Operations Manager, Louisiana Department of Transportation – Baton Rouge District, Severe Floods, 2016: Managed operations of a field staff of 50+. Her duties included certifying contractor's equipment, haul units and verification of DMS permits. Ms. Bennett made daily site inspections and documented all activities and met with client, contractor, and Project Manager to provide progress updates.

Waste Management Specialist, Texas Department of Transportation – Beaumont District, Severe Flooding, 2015: Monitored, tracked, and recorded the segregation, collection and final disposal of white goods, e-waste and household hazardous waste debris generated from the flood event. Determined eligibility and ensured that contractor's activities were preformed within TDEQ, EPA, and FEMA guidelines.

Lead Tower Monitor, Metric Engineering, Louisiana Department of Transportation, Severe Flooding, 2015: Scope of work included maintaining site traffic control, adhering to safety standards, and processing daily logs and final report to Field Supervisor.

Debris Monitor, Arx Disaster Management (Debris Tech), Winston County, Mississippi, Tornado, 2014: Documented crew tickets using company's ADMS system. Tasked with reviewing routes to make sure that all roadways operated on were within the assigned areas and provided Field Supervisor with daily report of roads cleared.

Residential Inspector/Estimator, Strate Associates, Louisiana, Hurricane Katrina, 2005: Performed inspection and damage assessments. Also performed construction site inspections and inspected temporary housing. Other duties included assisting homeowners navigate through FEMA and SBA disaster assistance programs.

CERTIFICATIONS

- FEMA-IS 100, 101, 102, 200, 520, 632, 633, 700, 800, 1000, 1001, 1006, and 1014
- HAZWOPER Certified (#2109081354808)
- ATTSA Traffic Control Supervisor
- FDOT Traffic Control Supervisor
- FDOT QC Manager
- OSHA 10
- ISO 45001
- BLS/CPR First Aid
- XACTIMATE

Jared George, CDR Maguire, Inc.
Subject Matter Expert

CDR|MAGUIRE
EMERGENCY MANAGEMENT

EXPERIENCE SUMMARY

Mr. George previously served as Recovery Programs Manager for Metric Engineering. Since 2006, he managed disaster recovery projects funded by HUD CDBG-DR, FEMA, FHWA, and NRCS totaling approximately \$2 billion in the states of Alabama, Arkansas, Colorado, Florida, Georgia, Kentucky, Louisiana, New York, Oklahoma, Oregon, Rhode Island, and Texas. Mr. George has 26 years of experience in managing public-sector finances and overseeing accounting projects for governmental agencies. He has very strong analytical, financial, planning and organization skills. His background includes the design and implementation of new accounting methods, procedures, computer-based systems, and controls for use for the preparation of accounting systems, statements, reports, reconciliations, and audits.

During his most recent capacity with the State of Florida, Mr. George served as the Assistant Bureau Chief of Finance and Accounting for the Florida Department of Agriculture and Consumer Services for four years, managing the general audit, travel, payroll, grant accounting, and fixed capital outlay accounting sections of the Bureau of Finance and Accounting. He monitored the activities in the sections to ensure operational procedures were carried out accurately and effectively and assisted the Bureau of Planning and Budgeting in the preparation of the Department's annual Legislative Budget Request. His duties also included the preparation of monthly spending plans and annual cost statements, financial statements, Schedule of Expenditure of Federal Awards, and indirect cost rate proposals. He assisted in the development and implementation of automated systems and coordinated the reimbursement of costs incurred by the Department while responding to and recovering from declared disasters. In this position, Mr. George was also tasked with working with the Governor's Office of Policy and Budget, and House and Senate Appropriations Staff to ensure the State recovered disaster-related costs incurred while responding to and recovering from the 2004 and 2005 hurricane seasons.

RELEVANT EXPERIENCE

Subject Matter Expert (SME), CDR Maguire, Oregon Department of Transportation, Oregon Wildfires (DR-4562-FL), 11/2020 to Present: Serving as a SME for debris monitoring operations involving hazard tree removal resulting from the 2020 Oregon Wildfires. Providing guidance and advise in all aspects of debris removal operations, including activities of all loading, staging, disposal site, as well as cost eligibility for reimbursement and documentation verification to ensure that costs are reasonable, contract and procurement processes follow federal requirements, debris quantities are accurate, debris is tracked to its final disposition, and all work and costs comply with regulatory requirements.

YEARS OF EXPERIENCE

15 YEARS (SINCE 2006)

EXPERTISE

Project Management
Quality Assurance
Data Analysis
Financial Management
Procurement
Grant Accounting
Debris Management
Recovery Management
Davis Bacon
Section 3

DISASTERS

Wildfires (DR-4562-OR)
Hurricane Michael (DR-4399-FL)
Hurricane Irma (DR-4337-FL)
Severe Storms (DR-4166-SC)
Severe Storms (DR-4145-CO)
Severe Storms (DR-1971-AL)
Severe Storms (DR-1894-RI)
Severe Winter Storm (DR-1829-AR)
Severe Winter Storm (DR-1818-KY)
Hurricane Ike (DR-1791-TX)
Hurricane Gustav (DR-1786-LA)
Tropical Storm Fay (DR-1785-FL)
Severe Storms (DR-1761-GA)
Ice Storm (DR-1735-OK)
Hurricane Wilma (DR-1609-FL)
Hurricane Katrina (DR-1602-FL)
Hurricane Dennis (DR-1595-FL)
Hurricane Frances (DR-1545-FL)
Hurricane Ivan (DR-1551-FL)
Hurricane Jeanne (DR-1561-FL)
Hurricane Charley (DR-1539-FL)
Hurricane Opal (DR-1069-FL)
Hurricane Erin (DR-1062-FL)
Hurricane Andrew (DR-955-FL)

EDUCATION

Political Science/Public Administration
Florida Agricultural & Mechanical Univ.

Program Manager, Rental Properties Program and Affordable Rental Opportunity Program, State of New York, Governor's Office of Storm Recovery, 2016 - 2018: Program Manager responsible for team providing services about its administration of the U.S. Department of Housing and Urban Development (HUD) Community Development Block Grant-Disaster Recovery (CDBG-DR) funds appropriated by the Disaster Relief Appropriations Act, 2013 (Pub. L. 113-2). Metric was tasked with administering the Rental Properties and Affordable Rental Opportunity Programs. The Rental Properties Program aids the owners of storm-damaged rental properties of all types and sizes that were offered for full-time, year-round lease at the time of Superstorm Sandy, Hurricane Irene, or Tropical Storm Lee. These properties included single-family homes, townhouses, apartment buildings, or any other legal dwelling. GOSR developed the Affordable Rental Opportunity (ARO) to restore and replace affordable rental housing placed out of service by Superstorm Sandy, Hurricane Irene, or Tropical Storm Lee (Covered Storms). ARO offers property owners incentives and support to sustain the creation of affordable rental housing.

Project Manager, Hurricane Ike Round II Housing Program, Homeowner Opportunity Program (HOP), Texas General Land Office, 2012 - 2016: Responsible for team providing comprehensive mobility counseling and disaster case management services to eligible homeowners under the U.S. Department of Housing and Urban Development's Community Development Block Grant Disaster Recovery Program within the Houston-Galveston Area Council of Government (H-GAC), Galveston County, and City of Galveston, Texas. HOP is a Disaster Recovery Housing Program through which income-qualified applicants who live in FEMA-designated "High Risk" areas or areas of high minority and/or poverty concentration may elect to rehabilitate or reconstruct their existing home or relocate to a safer and higher opportunity area. This program involves relocation counseling, conducted by Mobility Counselors, and the provision of licensed real estate professionals to explain the options and choices available.

Project Manager, FDOT District 5, Hurricane Irma (DR-4337-FL) | 2017 – 2018: The FDOT retained Metric staff to manage the debris removal caused by Irma. Metric's EMS staff responded two days prior to landfall to ensure the debris hauling contractors' cut and toss crews were properly staged. Cut and toss efforts began the same day the storm hit. The team assisted the Department in the initial clearing of debris on the federal qualifying and non-federal qualifying roads, as well as the monitoring of the removal of hazardous limbs and trees in the rights of way of these same roads. Metric staff provided a database where ticket data, field records, truck certifications, and other details, were easily accessible for query. Our team also maintained a database of all the photographs that correlated with the pertaining field documents. Project responsibilities included writing haul tickets for debris removal; maintaining all field records; making daily entries in the project diary to indicate the Contractor's personnel present on the job site, and equipment being utilized on the project; the acceptability of traffic control; the charging of contract time; estimating and documenting debris quantities; determining debris eligibility, types and acceptable disposal methods; measuring and computing haul truck volumes; inspecting the contractor's operations (daily) to ensure that all work was performed in accordance with the specified plans, specifications, and reimbursement program requirements; keeping clear and concise records of the contractual operations, preparing daily, weekly, monthly quantity summaries and breakdowns as well as daily progress reports in conformance with FDOT requirements; reconciling and recommending payment of hauling contractor's invoices. Over 100 new employees were hired to assist in the completion of the project. Mr. George served as the Project Manager for this contract.

Operations Manager, South Carolina Severe Winter Storm, South Carolina Department of Transportation, 2014: Responsible for managing the removal of more than 150,000 hazardous trees and 2 million cubic yards of disaster-generated debris. More than 1,000 debris monitoring

Jared George, CDR Maguire, Inc.
Subject Matter Expert



personnel supported this project. Mr. George was responsible for the invoicing and reconciliation phase of funding for the project.

Assistant Project Manager, Colorado Flooding – Larimer County, Colorado, 2013 – 2014: Responsible for team providing comprehensive disaster recovery services. Coordinated with FHWA to prepare DIRs and SODs. Successfully advocated on behalf of the County to obtain FEMA funding for debris removal from streambeds and demolition of residential structures.

Project Manager, Louisiana Department of Transportation and Development, 2012 – 2013: Responsible for District 2 debris removal monitoring project resulting from Hurricane Isaac. This project included the removal of more than 300,000 cubic yards of disaster-generated debris. Mr. George was responsible for day-to-day operations and successfully handling any issues that arose between the hauling company and LADOTD. He was also responsible for the invoicing and reconciliation phase of funding for the project.

Project Manager, HMGP Wind Mitigation Application Development and Project Implementation Services, City of Birmingham, Alabama, 2011: Responsible for planning, identifying, developing, and fully scoping twenty (20) community safe room projects that were used to prepare and submit grant application requests to the Alabama Emergency Management Agency (AEMA) and FEMA on the behalf of the City of Birmingham. Six (6) projects have been awarded to date totaling more than \$7 million. Mr. George is currently managing the team responsible for the design and construction of these projects.

Project Manager, Public Assistance Technical Consulting and Permanent Work Project Management Services, City of Birmingham, Alabama, 2011: Responsible for coordinating efforts and services related to development of FEMA Public Assistance Program permanent work projects in close coordination with the City's Long-Term Community Recovery and Rebuilding efforts and participating in continuing planning processes as well as interacting with the city and its planning team members.

Project Manager, HMGP Application Development, Rhode Island Communities, 2011: Responsible for preparing \$16 Million in HMGP Applications for projects including Home Acquisition/Demolition, Drainage Improvements, and Localized Flood Reduction Projects; prepared Benefit/Cost Analyses, developed project descriptions, reviewed design documents, and cost estimates to ensure all FEMA and RIEMA requirements were met.

Project Manager, Public Assistance and Hazard Mitigation Technical Assistance, City of Providence, Providence, Rhode Island, 2010: Responsible for providing Public Assistance and Hazard Mitigation technical services to assist the city in recovering from the historic flooding that occurred in the Spring of 2010. Services include updating the city's Hazard Mitigation Plan, preparing Hazard Mitigation Grant Program applications and Benefit/Cost Analyses.

Project Manager, Public Assistance and Hazard Mitigation Technical Assistance, City of Cranston, Cranston, Rhode Island, 2010: Responsible for providing Public Assistance and Hazard Mitigation technical services to assist the city in recovering from the historic flooding that occurred in the Spring of 2010. Services include updating the city's Hazard Mitigation Plan, preparing Hazard Mitigation Grant Program applications and Benefit/Cost Analyses.

Project Manager, Public Assistance and Hazard Mitigation Technical Assistance, Town of North Smithfield, North Smithfield, Rhode Island, 2010: Responsible for providing Public Assistance and Hazard Mitigation technical services to assist the Town in recovering from the historic flooding that occurred in the Spring of 2010. Services include updating the city's Hazard Mitigation Plan, preparing Hazard Mitigation Grant Program applications and Benefit/Cost Analyses.

Principal-in-Charge, Ice Storm - Kentucky Transportation Cabinet; City of Fayetteville, Arkansas; City of Rogers, Arkansas; City of Rector, Arkansas; Mississippi County, Arkansas, 2009: Oversaw and coordinated all services provided through debris monitoring contracts in Arkansas and Kentucky following the devastating January 2009 Ice Storm. These projects entailed monitoring and documenting the removal of more than 19 million cubic yards of disaster-generated debris in two states simultaneously. More than 500 employees served on the team led by Mr. George to ensure each client received reimbursement for all debris removal costs through FHWA and FEMA.

Principal-in-Charge, Hurricane(s) Gustav and Ike - Louisiana Department of Transportation and Development (Districts 2, 3, 7, 8, 61, and 62); Lafourche Parish, Louisiana, 2008: Oversaw and coordinated all debris removal monitoring projects resulting from Hurricanes Gustav and Ike for the Louisiana Department of Transportation and Development (LADOTD) and Lafourche Parish, Louisiana. These projects included the removal of more than 3 million cubic yards of disaster-generated debris and over 230,000 hazardous trees. More than 300,000 tickets were issued by over 1,200 debris monitoring personnel during these projects. Mr. George was responsible for day-to-day operations and successfully handling any issues that arose between the hauling company and LADOTD. He was also responsible for the invoicing and reconciliation phase of funding for the project.

Project Manager, City of Tulsa, Oklahoma, 2008: Oversaw debris removal monitoring operations in Tulsa, Oklahoma following the December 2007 Ice Storm. This project included the removal of more than 2.75 million cubic yards of disaster-generated debris and preparation of supporting documentation for 40+ Project Worksheets. Also coordinated meetings with the Oklahoma Department of Transportation and Federal Highway Administration on behalf of the City to ensure the City was reimbursed 100 percent of costs eligible for reimbursement through FHWA's Emergency Relief Program. Subsequently tasked by the city to prepare the Detailed Damage Inspection Reports and supporting documentation for submission to ODOT and FHWA.

Project Manager, Florida Department of Transportation, 2007: Conducted FHWA Emergency Relief Examinations, a review of Emergency Relief Program processes administered by the Florida Department of Transportation. The examination was also used to assess compliance with applicable State and Federal regulations and Department policies and procedures related to invoicing and contract compliance. The scope of the review covered only a portion of 2004 hurricane expenditures and invoices were selected based on contract type, work type, and dollar amounts. The sample originally used was not statistically based and the results should not have been extrapolated over the population of expenditures as the sample was unlikely to be truly representative of the population. FDOT in coordination with FHWA tasked Mr. George with the development and execution of a state-wide audit of FHWA Emergency Relief Program 2004 hurricane related expenditures incurred by FDOT. The review program met the requirements of both FHWA and FDOT and demonstrated all 2004 hurricane related FHWA Emergency Relief Program expenditures in the emergency work category were following state and federal requirements.

CERTIFICATIONS

- FEMA IS-100, -200, -244, -393, -547, -630, -631, -632, -700, and -800
- FEMA G-202

Henry J. Palancar, CDR Maguire, Inc.
Subject Matter Expert

CDR | MAGUIRE
EMERGENCY MANAGEMENT

EXPERIENCE SUMMARY

Henry Palancar is a driven engineer with a proven record of exceptional project and people management. Focused on delivering efficient and resilient solutions for large-scale recovery programs. Mr. Palancar is an effective communicator with excellent team building and risk management skills. He thrives in high stress, deadline-oriented environments, and continuously efforts to create and adhere to and/or improve upon efficient, production workflows. His experience and leadership have been focused on developing and delivering technology-driven business services and solutions. Providing outstanding client service is at his core.

RELEVANT EXPERIENCE

Environmental Unit Coordination, Oregon Department of Transportation (ODOT), 2020 Oregon Wildfires (DR-4562-OR), 2020 to Present: Acting as the Environmental Unit Coordinator, in coordination with ODOT and DEQ, the team developed the DROP (Debris Removal Operational Plan) in addition to the EPP (Environmental Protection Plan). These plans lay the road for how the program will operate to achieve its goal. Recovering efficiently and effectively from the devastating wildfires.

In addition, he coordinated with all subcontractors performing environmental reviews (Waters of the State, Endangered Species, Asbestos, and Archaeological). To date, the team has been able to complete over 3,600 environmental reviews to ensure that all protocols and policies set in place by the Operational Plan were implemented and followed by the Debris Contractors.

Project Manager / Assistant Controls Manager, New York City's Housing Authority (NYCHA), 2019 to Present: On January 31 of 2019 the New York City Housing Authority ("NYCHA") entered into an agreement with the Department of Housing and Urban Development ("HUD") and New York City the purpose of which is to remedy the deficient physical conditions in NYCHA properties, ensure that NYCHA complies with its obligation's tinder federal law, reform the management structure of NYCHA, and facilitate cooperation and coordination between HUD, NYCHA, and the City during the term of this Agreement.

Acting as a Subject Matter Expert to Guidepost Solutions who was appointed as the Federal Monitor, Henry was tasked with assisting in an assessment of NYCHA current operating practices and the development of an improvement plan that will support the actions required which includes but is not limited to:

- Supporting the development of the Actions Plans, Organizational Plan and Operational Plans as required under the base agreement.
- Development of a roadmap to support the implementation of changes to NYCHA's management, organizational, and workforce structure, including work rules, necessary or appropriate to achieve sustained compliance; and

YEARS OF EXPERIENCE

8 YEARS (Since 2013)

EXPERTISE

Debris Management
Federal government contracting
Federal regulations
Budget planning & allocation
Scope development
Cost & schedule management
Change management
Program analytics / Performance reporting
Financial analysis
Cost control
Vendor management
Procurement
Contract Management
Project Recovery

DISASTERS

Oregon Wildfires (DR-4562-OR)
Super Storm Sandy (DR-4085-NY)

EDUCATION

B.A. Mechanical Engineering, The
George Washington University

- Development and implementation of Performance Measurers to support the achievement of Performance Requirements as set forth in the base Agreement.

Project Manager, New Jersey RREM Program, 2017 to 2019: The state of New Jersey has allocated \$1.3 Billion in federal funds to help eligible homeowners repair or rebuild their Superstorm Sandy-impacted homes. The RREM Program provides grant awards for necessary construction initiatives, such as reconstruction, rehabilitation, elevation and/or other mitigation activities. Mr. Palancar designed and delivered an innovative construction management program that encompassed 1,850 homes at an approximate total development cost of \$328 Million.

Project Manager, Governor's Office of Storm Recovery, 2013 to 2017: In response to the occurrence of Hurricane Irene, Tropical Storm Lee and most recently Superstorm Sandy – the Governor of New York set out to centralize recovery and rebuilding efforts in impacted areas of New York State. This effort utilized approximately \$4 Billion in flexible funding made available by the U.S. Department of Housing & Urban Development's (HUD) Community Development Block Grant Disaster Recovery (CDBG-DR) & \$215 Million for the Supplemental Social Services Block Grant (SSBG). Mr. Palancar was responsible for the development and maintained the scope, schedule, budget of approximately 750 residential properties at an estimated contract value of \$9.5 Million. He was able to achieve a decrease in project delivery costs by 30% with the implementation of a high-volume competitive bid process. Estimated program savings of \$2.1 Million in 2 years. Over 2,500 residential, HUD compliant, properties closed from the program within 3 years.

CERTIFICATIONS & PROFESSIONAL MEMBERSHIPS

- FEMA IS-100, 200, 700, and 800
- Construction Management Association of America (CMAA)
- American Society of Mechanical Engineers (ASME)
- Society of College and University Planning (SCUP)

Fredrick Gibson, CDR Maguire, Inc.
Field Supervisor

CDR MAGUIRE
EMERGENCY MANAGEMENT

EXPERIENCE SUMMARY

Since 2016, Mr. Gibson has accumulated more than 5 years of diverse experience providing disaster recovery services on FEMA and FHWA-ER Programs. He has served as a division supervisor and subject matter expert on numerous debris recovery teams following major storm and disaster events in Texas, Florida, Louisiana, and Oregon, many on which he played a key role from beginning to end having a hand in all phases and activities associated with debris management.

RELEVANT EXPERIENCE

Division Supervisor, CDR Maguire, Inc., Oregon Wildfires (DR-4562-OR), Oregon Department of Transportation, December 2020 to Present:

Served as a subject matter expert for debris monitoring operations involving hazard tree removal resulting from the wildfires of 2020 in Oregon. Supervised debris removal operations within 10 total fire boundaries creating hazardous tree and debris removal requirements along approximately 120 miles of state roadways across 9 counties. Provide direction and supervision to task force leaders involved in monitoring all hazardous tree and debris loading, staging, and disposal sites, as well as cost eligibility for reimbursement and documentation verification to ensure that cost are reasonable, contract and procurement processes follow federal requirements, debris quantities are accurate, debris is tracked to its final disposition, and all work and cost comply with regulatory requirements. Manage every aspect of the project from start to finish including entering the job into correct systems, scheduling crews to complete work, keeping lines of communication open with the client as well as any contractors working within the project. Train, coach, develop, discipline, and motivate supervisory and production staff. Supervise assigned resources, report on the progress of operations and the status of assigned resources. Organize and assign resources into configurations to meet incident and tactical objectives. Implement the portion of the Incident Action Plan pertaining to division. Identify and determine assigned resource's ability to complete assignment within period to achieve strategies and objectives. Coordinates activities with adjacent Divisions and across functional areas. Participate in the validation of disaster related damages. Conduct tactics and planning meetings for work staff.

Field Supervisor, Hurricane Delta (DR-4570-LA), Hurricane Laura (DR-4572-LA), Hurricane Dorian (DR-4468-FL), Hurricane Michael (DR-4399-FL), Hurricane Harvey (DR-4332-TX), December 2017 to November 2020:

Participate in the validation of disaster related damages. Provided operation support for debris removal of several counties at a time. Provide daily reports to D.O.T contract manager and maintenance supervisors, data reconciliation, video documentation of roadways pre/post debris removal, and participation in D.O.T briefings. Assisted with FHWA and FEMA coordination to ensure all debris operations sites are following applicable regulations and reimbursement programs. In Hurricane Harvey worked the marine debris section of the project while serving as an ESA specialist. Monitor the scope of the project work and its cost. Create strategies and go over daily operation plans with respected heads of

YEARS OF EXPERIENCE

5 YEARS (Since 2016)

EXPERTISE

Debris Management
Debris Operations
FHWA (Federal Highway
Administration) Right-of-Way
Project Close Out
Debris Documentation
Quality Control

DISASTERS

Oregon Wildfires (DR-4562-OR)
Hurricane Laura (DR-4559-LA)
Hurricane Laura (DR-4572-TX)
Hurricane Delta (DR-4570-LA)
Hurricane Dorian (DR-4468-FL)
Hurricane Michael (DR-4399-FL)
Hurricane Harvey (DR-4332-TX)

EDUCATION

Highschool Diploma, Baton Rouge, LA
High School, June 1998

Fredrick Gibson, CDR Maguire, Inc.
Field Supervisor



each branch involved in project. Have weekly meetings with project manager to discuss ways to accomplish a successful project. Provide customer service and serve as the point of contact with local government officials and contractors for disaster related grants. Coordinate with D.O.T to ensure all rules and regulations are being followed by contractors. Supervise monitors and sub-contractors as they perform daily duties of debris removal. Conduct morning safety meeting for monitoring staff. Served as Supervisor for stump and hazardous hanger and leaner debris removal operations. As a tower supervisor ensure that loads brought in were accurately credited and that the unit was empty prior to departure from the DMS. Also trained new hires on protocols and how to properly score a load. Allocate monitors to crew and location. Meet with contractors daily to gather operation plans for day to day as well as weekly operations for removal of debris from different sites. Inspect and document on safety inspection check sheet for unsafe act and/or conditions and report these conditions to supervisor over that area. Ensure proper M.O.T is set up for semi-trucks as they are being loaded. Oversee, and lead program staff in understanding and applying regulations, policies, and procedures. Exercise normal supervisory responsibility with respect to subordinates and delegation of work assignment and definition of areas of responsibility. Ensure proper protocol is being used as semi-trucks are being loaded. Develop and maintain professional relationships with coworkers, homeowners, and other external groups to provide effective and timely customer service, information, and problem resolution. Supervised staff of 80 plus inspectors-monitors, Throughout the disaster recovery monitoring process assisted with communications among state and community stakeholders and local municipal representatives. Responsible for DMS set up, contractor haul unit/equipment certifications, and initial damage assessment. Served as supervisor for pre-event mobilization activities in preparation for emergency road clearance ahead of landfall. Post storms assisted with coordination of damage assessment reporting.

CERTIFICATIONS

- FEMA IS-5., 18.21, 19.21, 27, 29.a, 35.21, 100.c, 101.c, 102.c, 103.c, 120.c, 158, 200.c, 215, 216, 230.d, 235.c, 240.b, 241.b, 242.b, 244.b, 700.b, 800.d, 1100, 1200, 2200, and 2900.a
- LADOT Traffic Control Supervisor
- OSHA HAZWOPER 40 Hour Training

Brandon Wilson, CDR Maguire, Inc.
Field Supervisor



EXPERIENCE

Since 2014, Mr. Wilson has been providing disaster debris recovery monitoring for state and local governments.

RELEVANT EXPERIENCE

Division Supervisor, Oregon Department of Transportation, Hazardous Tree Removal and Debris Monitoring, Wildfires, DR-4562-OR, 12/2020 to Present: Responsible for the supervisor of monitoring debris operations and working with Arborists to tag hazardous trees as well as collect all field documentation from Debris Monitors, ensuring completeness and accuracy. Overview of Wetland and protected species determinations.

Field Supervisor/Monitor, FDOT Districts 3 and 5, Debris Monitoring, Hurricane Irma, DR-4337-FL, and Michael, DR-4399-FL, 09/2017 to 07/2019: Project responsibilities included writing haul tickets for debris removal; maintaining all field records; making daily entries in the project diary to indicate the Contractor's personnel present on the job site, and equipment being utilized on the project; the acceptability of traffic control; Monitoring of Endangered Species and Wetland Monitoring; the charging of contract time; estimating and documenting debris quantities; determining debris eligibility, types and acceptable disposal methods; measuring and computing haul truck volumes. He inspected the contractor's operations (daily) to ensure that all work was performed in accordance with the specified plans, specifications, and reimbursement program requirements; keeping clear and concise records of the contractual operations, preparing daily, weekly, monthly quantity summaries and breakdowns as well as daily progress reports in conformance with FDOT requirements; reconciling and recommending payment of hauling contractor's invoices. Over 100 new employees were hired to assist in the completion of the project.

Field Supervisor, South Carolina Department of Transportation, Debris Monitoring, Severe Winter Storm, DR-4166-SC, 2014 to 2015: Responsible for managing the removal of more than 150,000 hazardous trees and 2 million cubic yards of disaster-generated debris. Performed Protected Species Determinations. This project included More than 1,000 debris monitoring personnel.

CERTIFICATIONS

- FEMA IS-100, 200, and 700
- Intermediate MOT

YEARS OF EXPERIENCE

7 YEARS (Since 2014)

EXPERTISE

Debris Management
Data Analysis
Wetland and Protected Species

DISASTERS

Oregon Wildfires (DR-4562-OR)
Hurricane Michael (DR-4399-FL)
Severe Winter Storm (DR-4166-SC)

EDUCATION

A.A.S. Information Technology, Baton Rouge College

**Carl Jones, CDR Maguire, Inc.
Field Supervisor**

CDR MAGUIRE
EMERGENCY MANAGEMENT

EXPERIENCE SUMMARY

Since The Great Flood of Baton Rouge in 2016, Mr. Jones has acquired nearly five years of diverse experience providing disaster debris recovery services and management and classification of waste for disposal, specializing in FHWA-ER. He has managed debris collection, transportation and staging in accordance with local standards. He has served as key personnel on numerous debris recovery teams following major storm and disaster events in Texas, Florida, Louisiana, and Oregon, many of which he has been integral from beginning to end, having a part in all phases of the debris management process. Mr. Jones has very strong analytical, planning, financial, and organizational skills. He has provided expert guidance and advice to State and municipal agencies for all aspects of debris removal operations, including activities related to loading, staging, disposal site monitoring, environmental permitting, and cost eligibility for reimbursement. Mr. Jones has an unrivaled record of integrity and proven performance in the disaster debris recovery field.

YEARS OF EXPERIENCE

5 YEARS (Since 2016)

EXPERTISE

Debris Management
FHWA Right-of-Way
Quality Control

DISASTERS

Oregon Wildfires (DR-4562-OR)
Hurricane Zeta (DR-4577-LA)
Hurricane Laura (DR-4559-LA)
Severe Storms (DR-4454-TX)
Hurricane Michael (DR-4399-FL)
Hurricane Harvey (DR-4332-TX)
Severe Floods (DR-4277-LA)

EDUCATION

B.A. Marketing, Southern University
A&M College

RELEVANT EXPERIENCE

Division Supervisor, CDR Maguire, Inc., Labor Day Wildfires (DR-4562-OR), Oregon Department of Transportation, December 2020 to Present: Current Division Supervisor providing incident support for debris removal operations being performed on a fire responsible for burning more of the Oregon Cascades than had burned in the previous 36 years combined. Responsible for daily execution of pre-planned objectives with the goal of procuring 100% reimbursement for the client. Supervise licensed arborists in the identification of hazardous trees posing threats to major roadways. Also responsible for the supervision of monitors and task force leaders striving towards a goal of disaster recovery. Oversaw the removal of >15,000 trees from the lower Cascades, OR-126 area. Monitor all debris loading, log staging and disposal of debris. Assisted in deployment of Unmanned Aerial Vehicles (UAV) teams using specialized light detection and ranging (LiDAR) systems and photogrammetry for identification of burned and compromised trees and debris assessments in areas that were unsafe for monitors to access, especially on high slope areas where dead/dying trees created potential hazard to the roadways beneath.

Operations Manager / Project Manager, Hurricane Zeta (DR-4577-LA), Louisiana Department of Transportation, District 2, October 2020 – December 2020: Performed initial damage assessments for LA DOTD to determine severity of impact and scope of work to be performed. Responsible for the training of all field monitors and management of personnel. Supervised all debris removal activities from initial roadside pickup to final disposal. Fostered client relationship through adherence to plans set forth and facilitated expectations by providing concise status reports to LADOTD, proactively addressing all issues.

**Carl Jones, CDR Maguire, Inc.
Field Supervisor**

CDR MAGUIRE
EMERGENCY MANAGEMENT

Operations Manager, Hurricane Laura (DR-4559-LA), Louisiana Department of Transportation, District 8, August 2020 – October 2020: Responsible for scheduling and dispatch of more than 80 loading sites and tower monitors daily. Coordinated daily field activities to ensure the achievement of both long- and short-term project objectives. Assessed contractor ability to perform as required. Responsible for review and evaluation of subordinate performance and resolved field safety and operational issues.

Lead Supervisor, Severe Windstorms (DR-4454-TX), Texas Department of Transportation, Lufkin District, April 2019 – July 2019: Overseer of retrieval of measurements, credentials and photo documentation required for contractor truck certifications. Led daily debris operations on city, county and State roads. Planned and managed crew scheduling for debris operations in line with all project demands. Facilitated efficient debris pickup and ensured eligibility of materials ticketed. Responsible for overseeing day-to-day operations and supervision of the inspector-monitor staff. Other duties included reports to TxDOT, data reconciliation and video documentation of roadways pre/post debris removal.

Field Supervisor, Hurricane Michael (DR-4399-FL), Florida Department of Transportation, District 3, October 2018 – April 2019: Key supervisory personnel for project that included the removal of more than 167,000 hazardous trees and upwards of 16,000,000 cubic yards of disaster generated debris. Managed over 100 monitors and several supervisors simultaneously. Responsible for overall supervision and training of staff working in Jackson County, FL to ensure adherence to policies, guidelines, and procedures. Responsible for ON-system and county road data reconciliation for reimbursement.

Field Supervisor, Hurricane Harvey (DR-4332-TX), Texas Department of Transportation, Beaumont District, August 2017 – July 2018: A storm responsible for over 30,000,000 CY of disaster generated debris and an estimated damage of \$125 Billion, tasked with daily work assignments and supervision of 75+ monitors. Performed initial DMS setups, truck certifications, monitor field training, debris assessments and site supervision. Oversaw documentation of debris picked up by both the debris contractor and TXDOT owned haul units. Successfully achieved maximum reimbursement for the client.

Debris Monitor, Severe Flooding (DR-4277-LA), Louisiana Department of Transportation, District 61, August 2016 – January 2017: Documented right-of-way pickup of eligible storm debris left by a slow-moving weather event. Provided concise updates of field activity to Supervisor and assisted with daily collection of company hardware/equipment. Performed truck certifications and responsible for grading of loads entering debris management sites

CERTIFICATIONS

- FEMA IS-100, 101, 632, 633, and 700
- ATSSA Traffic Control Technician Certified
- ATSSA Traffic Control Supervisor Certified
- T.W.I.C.

**Jefferson Mason, CDR Maguire, Inc.
Field Supervisor**

CDR | MAGUIRE
EMERGENCY MANAGEMENT

EXPERIENCE SUMMARY

Mr. Mason is decorated military leader who has over 16 years of experience in FEMA and DoD organizational doctrine, program and project management, logistics, and resource allocation. He served as a planning and operations officer managing all aspects of logistical engagement planning for the U.S. Army Corps of Engineers. Mr. Mason has been successful officer and manager due to his resource management capabilities of planning, scheduling, allocating people, managing finances, and using technology to achieve the greatest organizational value to each project he has worked on.

RELEVANT EXPERIENCE

Operations Section Chief (Area Command & North Complex), CDR Maguire, Oregon Wildfires (DR-4562-OR), 11/2020 to Present: Manage all aspects of the Operations Section in support of debris monitoring contract with the Oregon Department of Transportation. This position provides the tactical assignments documented in the Incident Action Plan and directs its execution. Make expedient changes to current operations based on complexity or magnitude of the operation and reports those changes to the Incident Commander. Planned and tracked the allocation of resources and reported on its utilization and progress.

Program Delivery Manager, CDR Maguire, COVID-19 (DR-4497-KY), 7/2020 to 11/2020: Facilitated the Public Assistance (PA) process for client (here, Kentucky Emergency Management and applicants). Manage information collection and provided customer service to PA applicants (grantees, recipients, applicants, pass-through entities, subrecipients, and/or stakeholders, etc.).

Program Delivery Manager, SERCO North America, Chicago, IL, Severe Storms (DR-4424-OH), 3/2019 to 7/2020. Provided customer service through the new model delivery process, from the Exploratory Call to the Recovery Transition Meeting. Coordinated transmittal of documents through FEMA's Grants Manager /Grants Portal, and to the Consolidated Resource Centers. Scheduled site inspections with the applicants and Site Inspector Task Force Leader and identified when technical expertise may be needed throughout the program delivery process. Managed applicant Category C (Roads & Bridges) projects by reviewing and validating damage details, scopes of work, and costs with the applicant. Conducted regular follow up meetings by providing updates on work status, evaluates claims, makes recommendations to FEMA as to whether the claim is eligible and resolves eligibility issues. Wrote Request for Information documents and assisted with the development of the Determination Memorandums, while continuously communicating final determinations and guidance of the appeal process to the applicants. Facilitated the Recovery Transitions Meeting with applicants and discussed each project, including requirements (Obtain and Maintain) and conditions that have been placed on the project. Completed 56 projects and set up the transition of one recovery transition meeting worth more than \$9.1 million dollars.

YEARS OF EXPERIENCE

16 YEARS (SINCE 2005)

EXPERTISE

Debris Management
FEMA PA
Resource Management
Logistics and Planning
Incident Command
EOC Activation/Response

DISASTERS

Wildfires (DR-4562-OR)
COVID-19 (DR-4497-KY)
Hurricane Irma (DR-4437-FL)
Severe Storms (DR-4424-OH)

EDUCATION

MPA, Public Administration,
Webster University, MO (2011)
B.S. Excelsior College, NY (2009)

Jefferson Mason, CDR Maguire, Inc.
Field Supervisor

CDR | MAGUIRE
EMERGENCY MANAGEMENT

Program Delivery Manager, FLUOR, Miramar, FL, Hurricane Irma (DR-4337-FL), 11/2017 to 08/2019: Served as the primary point of contact for multiple counties, districts, and applicants, providing customer service and programmatic guidance throughout the PA grant process. Assisted applicants through the new Grants Manager and Grants Portal program delivery model, providing a commitment to enhanced customer service and consistent grant development. Facilitated and coordinated the delivery of the PA grants funding while coordinating the applicants' recover priorities, facilitating mitigation opportunities, and understanding their capabilities and ability to develop projects. Responsible for reviewing the reports and providing real time situational awareness to the consolidated resource center daily relating to the development of all projects relating to the applicant. Completed over 291 projects for 18 applicants, with three recover transition meetings completed.

Planning and Operations Officer, U.S. Army Corps of Engineers, Washington DC, 06/2013 to 06/2016: Managed all aspects of logistical engagement planning for the U.S. Army Corps of Engineers including digital and hard-copy agenda creation, direct and indirect interface/collaboration with outside agencies, and interaction with departmental directors. Developed and implemented internal mechanisms creating benchmarks to track engagement progress and preparation. Composed official historical digital after-action reviews and performance measures evaluations to provide continual quality assurance and future recommendations for improvement to the Chief of Staff. Created and maintained a five-volume digital and hardcover data base resource for quality assurance. Responsible for providing operational support and resource management to the Federal Emergency Management Agency (FEMA), the Department of Defense (DOD) and the Department of Homeland Security (DHS). Conduct initial Quality Control, Process reports, evaluate response resources capabilities, document sensitive information, and provide oral briefings related to the progress of ongoing requests for services and funding to the Director of Contingency Operations. Supervise personnel and property database systems in conformance with U.S. Army Corps Engineer regulations while manipulating information to ensure accurate information is available during all contingency emergencies.

Division Training Officer, U.S. Army HQs 3rd Infantry Division, Afghanistan, 03/2013 to 06/2013: Responsible for direct coordination between Combat Engineer Trainers and the overall quality control of four Engineer Training Teams that were partnered with Afghan National Army, Police Route Clearance Companies, and the Explosive Ordnance Disposal Platoons from the Afghanistan Army. Supervised development of training progress reports relating to continued training improvements, manning, equipping and validation for the Afghan National Security Forces. Coordinated asset / allocation of maneuver support to four maneuver Brigades in support of the transition of responsibility of the combat mission to the Afghanistan Government. Developed the written operational template to synchronize plans, products, operations, and fragmentary orders from the Joint Task Force level through Division down to the Operational level. Planned the route clearance prioritization for three maneuver task force battle space owners, enabling freedom of movement across 5000 kilometers of road network. Established standard operating procedures for companywide route clearance operations to ensure unilateral and seamless standardization for all route clearance platoons, companies, and organizations.

Company Commander, 4th BDE 2nd Infantry Division, Fort Lewis, WA, 12/2012 to 03/2013: Responsible for leadership, direction, and quality control for effectiveness and safety for a company size organization comprised of 176 personnel. Maintained a working relationship with outside contractors, fostered cohesiveness, and developed the standard operating procedure for 56 different Combat Engineer Battle Drills. Supervised project management responsibilities for 19

**Jefferson Mason, CDR Maguire, Inc.
Field Supervisor**

CDR | MAGUIRE
EMERGENCY MANAGEMENT

horizontal and vertical construction projects, worth more than \$35 million. Monitored maintenance of 63 wheeled and tracked vehicles worth over 85 million dollars. Established new contracts with maintenance service providers to reduce the duration of turnaround of mission critical vehicles by 45% over the course of the deployment. Charged with providing freedom of maneuver, counter-mobility, and survivability to a Brigade sized element comprised of 4,000 Soldiers. Planned and executed a rotational schedule for three route clearance platoons, while deployed, to clear 78,000 kilometers of roads through Afghanistan. Designed and implemented a training plan to enable the certification of 143 combat engineers to obtain validation at the National Training Center and be certified deployable by the Department of the Army.

Assistant Brigade Engineer, 4th BDE 2nd Infantry Division, Fort Lewis, WA, 03/2010 to 12/2012: Responsible for providing general engineering recommendations to the Brigade maneuver operations department in support of crisis action and operational planning as well as the maintenance and supervision of 15 Brigade facilities. Oversaw the Brigade facility management planning group and special projects Initiatives to the Joint Base-Lewis McCord Department of Public Works. Identified planning issues, problems, and concerns. Selected as the Brigade Engineer for a Full Spectrum Operations Exercises at Camp Casey, Korea. Responsible for providing the operational guidance for a Brigade size element of Engineer assets.

Executive Officer, 2nd BDE 1st Infantry Division, Fort Riley, KS, 07/2007 to 11/2009: Responsible for ensuring that the company was trained, maintained, and prepared to successfully complete any mission within the company's mission essential task list. Responsible for maintaining 152 pieces of rolling stock which included 26 tracked vehicles, 15 wheeled vehicles, and several construction vehicles worth over 25 million dollars. Managed the daily operations of the company and the mentorship of four platoon leaders. Planned and lead coordination for the training required for full spectrum operations and deployment in support of Operation Iraqi Freedom 2009.

Fire Marshall, Colorado National Guard, Fort Carson, CO, 06/2006 to 06/2007: Provided technical and tactical advice by identifying, analyzing, and evaluating mission critical training requirements in accordance with Army Wildland Fire Policy guidance. Served as the liaison to the National Inter-agency Coordination Center for mobilization and military firefighting resources. Planned, coordinated, and evaluated the effectiveness of unit fire management prevention plans and actions. Oversaw the quality management and effectiveness of New Equipment Training (NET). Performed risk management assessments and data collection to forecast future potential ecosystem impacts on endangered plant and animal species.

Emergency Management Training Officer – Camp Murray, WA, 04/2005 to 04/2006: Served as the Wildland Fire Project Officer for the Washington State National Guard. Charged with the quality control, trainer contract negotiations, equipment procurement, interface with Fort Lewis installation training resource and certification with National Fire Academy. Provided technical and tactical expertise at all levels of wild land fire management and future training certification. Developed an evaluation program to continually address the quality of preparedness of Washington State National Guard assets on a seasonal rotational basis. Coordinated with five surrounding states: Oregon, California, Idaho, Colorado, and Nevada to consolidate mutual aid, resource availability, communications, and fire management programs.

HONORS AND AWARDS

- Bronze Star
- Black Engineer of the Year Award
- Gold De Fleury Medal, US Army Engineer Regiment

CERTIFICATIONS

- FEMA IS-100.FWa: Introduction to the Incident Command System for Federal Workers
- FEMA IS-200.b: ICS for Single Resources and Initial Action Incident
- FEMA IS-241.b: Decision Making and Problem Solving
- FEMA IS-242.b: Effective Communication
- FEMA IS-552: The Public Works Role in Emergency Management
- FEMA IS-632.a: Introduction to Debris Operations
- FEMA IS-633: Debris Management Plan Development
- FEMA IS-700.a: National Incident Management System An Introduction
- FEMA IS-800.b: National Response Framework, An Introduction
- FEMA IS-1000: Public Assistance Program and Eligibility
- FEMA IS-1001: The Public Assistance Delivery Model Orientation
- FEMA IS-1002: FEMA Grants Portal-Transparency at Every Step
- FEMA IS-1003: Exploratory Call, Damage Inventory, and Recovery Scoping Meeting
- FEMA IS-1004: The FEMA Site Inspection Process
- FEMA IS-1005: Public Assistance Alternative Procedures
- FEMA IS-1006: Disaster Damage and Developing Project Files
- FEMA IS-1007: Detailed Damage Description and Dimensions
- FEMA IS-1008: Scope of Work Development (Scoping and Costing)
- FEMA IS-1009: Conditions of the Public Assistance Grant
- FEMA IS-1010: Emergency Protective Measures
- FEMA IS-1011: Roads and Culverts
- FEMA IS-1012: Direct Administrative Costs
- FEMA IS-1013: Costing- Estimates and the Cost Estimating Format
- FEMA IS-1017: Scope Change Requests, Time Ext., Improved/Alt. Project Requests
- FEMA IS-1018: Determination Memorandums and Appeals
- FEMA IS-1019: Codes and Standards
- FEMA IS-1021: Bridge Damage Considerations
- FEMA IS-1022: Substantiating Disaster-Related Damages to Buildings, Contents, Vehicle and Equipment
- FEMA IS-1023: Electrical Systems Considerations
- FEMA IS-1300: Introduction to Continuity of Operations
- FEMA IS-2900.a: National Disaster Recovery Framework (NDRF) Overview

**David Papin, CDR Maguire, Inc.
Data Manager**

**CDR MAGUIRE
EMERGENCY MANAGEMENT**

EXPERIENCE SUMMARY

David Papin is an experienced and qualified Public Assistance Recovery Specialist, Debris Management Data Manager, and a Debris Field Supervisor who has worked on numerous federally declared disasters. His attention to detail has resulted in the efficient cost reimbursement of eligible Public Assistance projects.

RELEVANT EXPERIENCE

Data Manager, CDR Maguire, Oregon Wildfires, OR (DR-4562-OR), February 2021 to Present: Coordinated data entry and information management, including the preparation of detailed debris estimates and submitting them to the client's debris manager. Provided daily, weekly, or other periodic reports noting work progress and efficiency, current/revised estimates, project completion, and other schedule forecasts/updates. Prepared supporting documentation for PWs and provided QA/QC of load ticket information.

Sr. Recovery Specialist, CDR Maguire, Hurricane Michael (DR-4399-FL), Bay County, FL, December 2019 to January 2021: Assisted with the formulation of over \$40M Category B Project Worksheets (PW) and completed validation for Category B Force Account Labor/Equipment based on the scope of work. Completed validation for Applicant Contracts, Materials and Rentals. Uploaded documentation into Grants Portal in response to Essential Elements of Information inquiries and answered Consolidated Resource Center Requests for information. Assisted with formulation of Waterway projects. Completed PW workbooks.

Recovery Specialist, Severe Storms, Tornadoes, Straight-line Winds, and Flooding (DR-4177-FL), Jackson County, FL, July 2014 to December 2020: Provided cost recovery support to ensure maximum federal reimbursement. Planned and executed site inspections with FEMA and County staff. Developed detailed Damage Descriptions and Scope of Work for PWs. Worked with stakeholders to assist the County in becoming the first county in Florida to utilize the Public Assistance Alternative Procedures. Collaborated with the Office of Inspector General OIG as they conducted an audit for projects utilizing Public Assistance Alternative Procedures.

Recovery Specialist, CDR Maguire, Severe Storms, Flooding, Landslides, and Mudslides (DR-4145-CO), Boulder, CO, December 2013 to July 2014: Provided cost recovery support and coordinated with the City's finance department to ensure maximum federal reimbursement. Planned and executed site inspections with FEMA and City staff. Developed detailed Damage Descriptions and Scope of Work for PWs. Assisted FEMA with the development of Project Worksheets for Public Works and Parks and Recreation Department as well as Open Space and Mountain Parks. Coordinated meetings with FEMA, State of Colorado representatives, and City of Boulder staff. Navigated the City of Boulder's Shared Drive to provide FEMA the proper documentation for PWs.

YEARS OF EXPERIENCE

13 YEARS (SINCE 2008)

EXPERTISE

FEMA Public Assistance
Debris Management
Data Management

DISASTERS

Wildfires (DR-4562-OR)
Hurricane Michael (DR-4399-FL)
Severe Storms (DR-4177-FL)
Severe Storms (DR-4145-CO)
Hurricane Sandy (DR-4086-RI)
Hurricane Isaac (DR-4080-LA)
Ice Storms (DR-1819-KY)
Ice Storms (DR-1818-KY)
Hurricane Ike (DR-1791-TX)
Hurricane Ike (DR-1792-LA)
Hurricane Gustav (DR-1786-LA)
Tropical Storm Fay (DR-1785-FL)
Tornados (DR-1761-GA)
Tornados (DR-1750-GA)
Ice Storm (DR-1735-OK)
Ice Storm (DR-1403-MI)

MILITARY

U.S. Navy, 1993-1997

David Papin, CDR Maguire, Inc.
Data Manager

CDR MAGUIRE
EMERGENCY MANAGEMENT

Data Manager, CDR Maguire, Hurricane Sandy (DR4086-RI), Charlestown and Westerly, RI, October 2012 to March 2013: Provided daily reports regarding debris removal operations. Conducted daily data entry of all load tickets provided by tower monitors. Performed reconciliation of load tickets for the dump site and trucking company. Provided applicants with all backup documentation necessary for FEMA reimbursement. Assisted in recruiting debris monitors via email, internet sites, and phone calls. Led training of new debris monitors and ensured employment paperwork was completed. Worked with field supervisors providing proper load tickets and equipment for all debris and tower monitors. Assisted field supervisors with calculations of truck certifications per FEMA guidelines.

Data Manager, CDR Maguire, Hurricane Isaac (DR-4081-LA), Various Locations, LA, 2012: Provided daily reports regarding debris removal operations. Conducted daily data entry of all load tickets provided by tower monitors. Performed reconciliation of load tickets for the dump site and trucking company. Provided applicants with all backup documentation necessary for FEMA reimbursement. Assisted in recruiting debris monitors via email, internet sites, and phone calls. Led training of new debris monitors and ensured employment paperwork was correctly completed. Worked with field supervisors providing proper load tickets and equipment for all debris and tower monitors. Assisted field supervisors with calculations of truck certifications per FEMA guidelines.

Data Specialist, Solid Resources, Ice Storms (DR-1818-KY and DR-1819-AR), Kentucky Transportation Cabinet, City of Fayetteville, City of Rector, Mississippi County, Arkansas, 2009: Coordinated data entry and information management, including the preparation of detailed debris estimates and submitting them to the client's debris manager. Provided daily, weekly, or other periodic reports noting work progress and efficiency, current/revised estimates, project completion, and other schedule forecasts/updates. Prepared supporting documentation for PWs. This contract involved the removal and monitoring of more than 19 million cubic yards of disaster-generated debris covering two states simultaneously.

Data Specialist, Solid Resources, Hurricane Ike (DR-1791-TX), City of Monroe, Texas, 2008: Coordinated data entry and information management, including the preparation of detailed debris estimates and submitting them to the client's debris manager. Provided daily, weekly, or other periodic reports noting work progress and efficiency, current/revised estimates, project completion, and other schedule forecasts/updates. Prepared supporting documentation for PWs.

Data Specialist, Solid Resources, Hurricanes Gustav (DR-1786-LA) and Hurricane Ike (DR-19792-LA) Louisiana Department of Transportation and Development (Statewide), Lafourche Parish, Louisiana, 2008: Coordinated data entry and information management, including the preparation of detailed debris estimates and submitting them to the client's debris manager. Provided daily, weekly, or other periodic reports noting work progress and efficiency, current/revised estimates, project completion, and other schedule forecasts/updates. Prepared supporting documentation for PWs. This contract included the removal of more than 3 million cubic yards of disaster-generated debris and over 230,000 hazardous trees. More than 300,000 tickets were issued by 1,200 debris monitors.

Data Specialist, Solid Resources, Tropical Storm Fay Collier County, Florida, 2008: Coordinated data entry and information management, including the preparation of detailed debris estimates and submitting them to the client's debris manager. Provided daily, weekly, or other periodic reports noting work progress and efficiency, current/revised estimates, project completion, and other schedule forecasts/updates. Prepared supporting documentation for PWs.

Data Specialist, Solid Resources, Tornadoes, Bibb County, Georgia, 2008: Coordinated data entry and information management, including the preparation of detailed debris estimates and submitting them to the client's debris manager. Provided daily, weekly, or other periodic reports

noting work progress and efficiency, current/revised estimates, project completion, and other schedule forecasts/updates. Prepared supporting documentation for PWs.

Data Specialist, Solid Resources, Tulsa Ice Storm City of Tulsa, Oklahoma, 2008: Coordinated data entry and information management, including the preparation of detailed debris estimates and submitting them to the client's debris manager. Provided daily, weekly, or other periodic reports noting work progress and efficiency, current/revised estimates, project completion, and other schedule forecasts/updates. Prepared supporting documentation for 40 plus PWs. Provided QA/QC of load ticket information. This project included the removal of more than 2.75 million cubic yards of disaster-generated debris.

CERTIFICATIONS

- FEMA IS-100, -101- 200, -230, -240, -241, -242, -393.a, -547, -700, -1001, -1002, and -1006.
- OSHA 30

EXPERIENCE SUMMARY

Ms. Hoskin possesses over thirteen years of diverse experience providing disaster recovery services funded by FEMA Public Assistance/Hazard Mitigation and Housing and Urban Development (HUD) Community Development Block Grant-Disaster Recovery (CDBG-DR) to governmental agencies. In the past, she served as the Senior Case Manager for the CDBG-DR funded Rental Properties Program and Affordable Rental Opportunity Program for the State of New York, Governor's Office of Storm Recovery. Her experience also includes serving as the HR Manager, Data Manager, Debris Removal Supervisor, and Field Monitor for various disaster recovery projects. Brandi has extensive experience with Davis Bacon and Section 3 compliance, FEMA Public Assistance project formulation and closeout, Hazard Mitigation planning and grant application development, conducting health and safety meetings for debris management personnel, and maintaining, reconciling, and auditing all documentation for various disaster grant programs.

RELEVANT EXPERIENCE

Admin/Finance Chief, CDR Maguire, Oregon Wildfires (DR-4562-OR) November 2020 to Present: Work cooperatively in support of the Incident Commander (IC) and the incident requirements as defined by the IC and the ODOT Area Command with concurrence of the Chief Accounting Officer. Lead the finance team in detailed review of invoices, ensuring all charges comply with provisions of purchase orders, sub-purchase orders, contracts, leases, service agreements, grants, etc. This includes ensuring adherence to contract terms and invoicing, and that there is proper authorization and internal control of purchases and assets in accordance with the information required Agency's Procurement Standards for Invoice Requirements per the method(s) of compensation used for the Contract.

Grant Specialist, CDR Maguire, Bay County (DR-4399-OR), August 2020 to November 2020: Serve as a Grant Specialist for CAT A projects for the largest local-led debris effort in FEMA history, which included over 9 million cubic yards of debris totaling \$250 million. Also performed data reconciliation for over 250 invoices allowing for accelerated Cat A project worksheets to be written and reimbursed for more than \$130 million of debris operations management data reviews.

Operations Manager, Florida Department of Transportation, Hurricane Michael (DR-4399-FL), 2019: Served as the Operations Manager for the disaster debris removal monitoring services for Florida DOT District 3. Duties included overseeing a staff of 30 personnel, preparing daily reports for the FDOT management, maintaining daily ticket uploads, maintaining project files, and preparing and auditing monthly invoices to ensure FDOT was reimbursed thru FEMA's Public Assistance Program.

YEARS OF EXPERIENCE

13 YEARS (SINCE 2008)

EXPERTISE

Debris Management
FEMA PA
CDBG-DR
Project Management
Quality Assurance
Data Analysis
Financial Management
Davis Bacon
Section 3

DISASTERS

Wildfires (DR-4562-OR)
Hurricane Michael (DR-4399-FL)
Severe Storms (DR-1894-RI)
Severe Winter Storm (DR-1818-KY)
Hurricane Ike (DR-1791-TX)
Hurricane Gustav (DR-1786-LA)
Hurricane Katrina (DR-1602-FL)
Hurricane Ivan (DR-1551-FL)
Hurricane Jeanne (DR-1561-FL)
Hurricane Charley (DR-1539-FL)
Hurricane Opal (DR-1069-FL)
Hurricane Erin (DR-1062-FL)
Hurricane Andrew (DR-955-FL)

EDUCATION

Social Work/Public Administration
Southern University

Senior Case Manager, State of New York, Governor's Office of Storm Recovery, Rental Properties Program and Affordable Rental Opportunity Program (CDBG-DR), 2016 – 2018:

Served as a Senior Case Manager, attended and contributed to weekly meetings with client regarding program metrics and standard operating procedures, and managed applicant files. Collected data from submitted files and assisted in populating the Program's system of record, conducted award closing meetings, secured signed Grant Agreements/Covenants, and distributed checks to applicants totaling approximately \$128 million. Applied the latest technology to provide great service in a fast-paced, flexible, paperless environment. Audited files to ensure compliance with Federal and State directives and service provisions. Distributed, monitored, and tracked key program daily/monthly metrics for QC/QA to ensure accurate workflow and efficiency. Communicated professionally with all Program vendors with emphasis on productivity, efficiency, and team building. Managed multiple high priority applicants.

Debris Management Supervisor, Louisiana Department of Transportation and Development, 2012 – 2013: Served as a Debris Management Supervisor for the City of New Orleans' debris removal operations. Responsibilities included quantifying debris, categorization of debris, training of monitors, managing the dump sites, maintaining safety compliance and all operations pertaining to the project. Also coordinated HR activities and supported the Data Management Team.

Disaster Case Manager, Texas General Land Office, Homeowner Opportunity Program (HOP) under CDBG-DR, 2012 -2016: Served as a Disaster Case Manager Supervisor providing comprehensive mobility counseling and disaster case management services to eligible homeowners under the U.S. Department of Housing and Urban Development's Community Development Block Grant Disaster Recovery Program within the Houston-Galveston Area Council of Government and the City of Galveston, Texas. HOP is a Disaster Recovery Housing Program through which income-qualified applicants who live in FEMA-designated "High Risk" areas or areas of high minority and/or poverty concentration may elect to rehabilitate or reconstruct their existing home or relocate to a safer and higher opportunity area. This program involved relocation counseling, conducted by Mobility Counselors, and the provision of licensed real estate professionals to explain the options and choices available.

Hazard Mitigation Specialist, City of Birmingham, Alabama, Tornadoes, 2011 to 2013: Served as a Hazard Mitigation Specialist following the April 27, 2011, super tornadic outbreak. Responsibilities included planning, identifying, developing, and fully scoping twenty (20) community saferoom projects that were used to prepare and submit grant application requests to the Alabama Emergency Management Agency (AEMA) and FEMA on the behalf of the City of Birmingham.

Public Assistance and Hazard Mitigation Technical Specialist, Various Towns/ Cities, Rhode Island, Flooding, 2010: Served as a Public Assistance Specialist for several projects providing Public Assistance and Hazard Mitigation technical services to assist Rhode Island towns and cities in recovering from the historical flooding that occurred in March 2010. Services included updating Hazard Mitigation Plans, writing Hazard Mitigation Grant Program Applications, conducting benefit cost analyses, grant management, identification of eligible emergency and permanent work, damage assessments, prioritization of recovery workload, loss

measurement/categorization, insurance evaluation, and Project Worksheet development and review.

Debris Management Supervisor, Solid Resources, Kentucky Transportation Cabinet, Ice Storm, 2009: Served as a Debris Management Supervisor for the debris removal operations. Responsibilities included quantifying debris, categorization of debris, training of monitors, managing the dump sites, maintaining safety compliance and all operations pertaining to the project. Also coordinated HR activities and supported the Data Management Team.

Supervisor, Solid Resources, Louisiana Department of Transportation and Development, Hurricane Gustav, 2008 - 2009: Served as an Office/ Field Supervisor for the LADOT debris removal operations following Hurricane Gustav. Also responsible for training and managing over 200 monitors on FEMA and OSHA guidelines relating to the removal of debris in the seven southernmost Louisiana Parishes. Addressed eligibility issues associated with Vegetative and Construction and Demolition debris removal from State and Parish Rights of Way for the duration of the project.

CERTIFICATIONS

- FEMA IS-100, -200, -244, -393, -547, -630, -631, -632, -700, and -800
- FEMA G-202

**Denise Harden, CDR Maguire, Inc.
Deputy Planning Chief**

CDR MAGUIRE
EMERGENCY MANAGEMENT

EXPERIENCE SUMMARY

Ms. Harden has considerable experience in planning and coordination related to business, community, and volunteer relations programs. She has worked effectively with management, citizen groups, community agencies, businesses, non-profits, and volunteers. Ms. Harden has been the lead on many business and community projects.

RELEVANT EXPERIENCE

Data Assessment Manager, CDR Maguire, Inc., Oregon Wildfires (DR-4562-OR), Oregon Department of Transportation, December 2020 to Present: Assist in recovery efforts related to documentation collection and development of contractor Work Orders for Oregon Wildfire Recovery. These tasks include managing a team to build work plans for more than 4,000 right of entries (ROE) for Private Property Debris Removal (PPDR). Documentation includes ROEs, PPDR questionnaires, environmental/asbestos testing reports, endangered species maps, waters of the state maps, historical review maps, environmental, historical, and preservation best management practices, and any special conditions required to complete debris removal. Oversee DROP training certification as required by ODOT. Coordinate property access with respective utility authorities to ensure safety of assessment and work crews. Provide quality control over accuracy of contracts.

Accounting/Payroll/Marketing, Cherry City Interiors & Design, Salem, Oregon, 2009 to 2020: Process all payables. Manage vendor database. Track inventory. Complete monthly reports. Input data. Responsible for departmental correspondence. Process labor, wages, and costs. Social media, marketing campaigns, SEO. Responsible for community outreach by engaging with community members. Develop skillset in website design. Proficient in proprietary software, MS Office Suite as well as Mac applications.

Accounting & Production, Morning Star Community Church, Salem, Oregon, August 2017 to October 2018: Responsible for the day-to-day administration of finance. Responsible for all payroll, accounting, and donation functions. Responsible for input and reconciliation of multiple bank accounts. Performed database management, tax filing, and quarterly reports. Create quarterly board reports. Creation and implementation of fund-raising campaign. Create and distribute custom mailers. Maintain and process confidential documents. Coordinate special events and provide post audit reconciliations. Recruit and train volunteers. Community outreach.

Administrative Assistant & Community Outreach, Wilsonville Chamber of Commerce, Wilsonville, Oregon, 1992 to 1995: Interact with community and local businesses. Create inter-office programs. Responsible for extensive data entry and account reconciliations. Produce manuals and brochures for business and public. Coordinate chamber member and volunteer events. Community projects and public relations. Strong communication between local businesses and community outreach.

CERTIFICATIONS

- FEMA IS-100 and 200

YEARS OF EXPERIENCE

20 YEARS (Since 1992)

EXPERTISE

Quality Assurance
Financial Management
Staff & Volunteer Training
Project Management
Marketing

DISASTERS

Oregon Wildfires (DR-4562-OR)

EDUCATION

Portland Community College
Chemeketa Community College

EXPERIENCE SUMMARY

Ms. Datre has supervised day-to-day operations of the software development projects including GIS, web, and mobile applications. The projects that she has delivered showcase a wide variety of applications that apply visual analytics and/or geospatially enabled analytics at state and local levels. Her project portfolio includes development of a wide variety of geo-enabled applications both, enterprise (in-house) and cloud implementations, on mobile, web and desktop platforms. In addition, she has worked as a liaison between clients and development/operations teams to deliver successful projects on time and within budget. When initializing projects, she is keen to emphasize on identifying workflows and process to streamline using configurable or customized software solutions. Ms. Datre specializes in working with ESRI ArcGIS technologies, including ArcGIS desktop and Pro, ArcGIS Server and ArcSDE as well as the growing ESRI cloud-based solutions on ArcGIS Online including dashboards and field data collection.

She possesses a demonstrable track record of defining and executing solutions and process improvement initiatives, leading them from start to finish, including the definition of success metrics. Over these years, she has had the opportunity to deploy solutions across disciplines including Project Development, Planning, Construction and Engineering Inspections, Intelligent Traffic Systems (Networking, Integration, and operations) and Emergency Management Services.

She is fluent in the following Program Languages: HTML, DHTML, ASP, VB Script, Javascript, Python, ASP.Net, VB.Net, and SQL.

RELEVANT EXPERIENCE

GIS Manager, CDR Maguire, Oregon Wildfires (DR-4562-OR), November 2020 to Present:

Actively collects data from the field with hardware and software, or passively collects data with other Global Positioning System (GPS) capable mobile data collection devices. Also collects and integrates relevant GIS field data into maps and real time situational awareness tools for debris management personnel and organization leadership to make informed decisions. Manages the Unmanned Aircraft System (UAS) program to allow for LiDar and Photogrammetry data analyzation.

Data Solutions Manager, September 2006 to November 2020: Collaborated with stakeholders to define their content needs and translate those needs into well-defined, documented and scalable solutions, supported by processes and tooling. Served as Process Lead and worked with team on an ongoing basis to constantly refine and optimize GIS and web-based solutions.

YEARS OF EXPERIENCE

20 YEARS (SINCE 2001)

EXPERTISE

ArcGIS Online
ArcGIS Pro
ArcGIS Server
ArcMap
ArcPad Application Builder
Google Earth
MS Visual Studio
MS Office Suite

DISASTERS

Wildfires (DR-4562-OR)
Hurricane Michael (DR-4337-FL)
Hurricane Irma (DR-4337-FL)
Severe Storms (DR-4166-SC)
Severe Storms (DR-1971-AL)
Severe Storms (DR-1894-RI)
Hurricane Ike (DR-1791-TX)
Hurricane Gustav (DR-1786-LA)
Tropical Storm Fay (DR-1785-FL)

EDUCATION

MBA, University of Phoenix (2004)
B.S. Management Information
Systems and Marketing,
Florida State University (2000)

Deepali Datre, PMP, GISP, CDR Maguire, Inc. GIS/Mapping Manager

CDRIMAGUIRE
EMERGENCY MANAGEMENT

Data Systems Manager, Florida Department of Transportation, January 2004 to July 2006: Worked with all departments within the department to develop and administer the agency's database systems and be responsible for providing customer and business intelligence and data reporting and analysis services to a range of internal and external stakeholders. Conducted business analysis and needs assessment and served on the State of Florida GIS Functional Steering Committee.

E-Commerce Developer, Tech Data, January 2001 to January 2004: Wrote specifications, completed systems analysis and design work, conducted research and fact-finding to support E-commerce sites, including troubleshooting, and acted as a liaison to the Internet Team and Departments and clients. Served as a ASP.NET Developer Associate.

CERTIFICATIONS

- Project Management Professional, Project Management Institute, December 2014 (Renewed May 2020)
- GISP, GIS Certification Institute, April 2008

**Christopher Swain, CDR Maguire, Inc.
Debris Monitor**



EXPERIENCE SUMMARY

Mr. Swain works in debris segregation and validation.

RELEVANT EXPERIENCE

Debris Monitor, CDR Maguire, Inc., Oregon Wildfires (DR-4562-OR), Oregon Department of Transportation, July 2021 to Present: Provides oversight of operations at debris management sites. Assesses personal property debris/tree removals (PPDR). Participates in the validation of disaster related damages. Coordinates with DOT personnel to ensure all rules are being followed by debris removal contractors. Ensures proper protocols are being followed as trucks are being loaded. Attends weekly meetings with project managers for daily operation plans. Inspects and documents safety utilizing inspection check sheets for unsafe acts and/or conditions to the field supervisor with assigned areas. Generates right of way unit rate tickets for crew and heavy machinery and ensured that only eligible fire debris is removed, loaded, and hauled. Record all information on each load ticket using the Automated Debris Management System (ADMS) and ensure proper records include GPS coordinates and photos.

Carpenter Assistant, Jeremy Sisseck, August 2016 to June 2017: Helped remodel homes, floors, yardwork, and gardening, installing cabinetry, painting, staining, deck building, drywall, as well as other various tasks.

Pressman Helper/Feeder, Your Town Press, Inc., June 2016 to July 2016: Ensured the press was running. Loaded paper and inks. Cleaned the machines.

Laborer/Helper, Lynx Group, Inc., October 2011 to December 2016: Quality checked books from the perfect binder. Loaded SIGs (Series of Integrated Graphics) into pockets of the perfect binder. Placed jobs online and offline. Stacked bundles off of the web press, every size of paper from thirty-five weight to one-hundred-pound stock: stacking in proper form on pallets, carts, or sleds. These duties also extended into tailing off folder machines, loading sheet feed presses, washing rollers, changing out chemicals, grabbing ink supplies, and keeping the press running.

TRAINING

- Debris Monitor Quality Control Training
- IS-632.A: Introduction to Debris
- Debris Monitor Training (ADMS Operations, FEMA Debris Operations, Maintenance of Traffic, Debris Standard Operating Procedures, Daily Activity Log, Environmental Protection Plan (EPP), and Health & Safety)

YEARS OF EXPERIENCE

4 MONTHS (Since 2021)

EXPERTISE

Debris Documentation
Quality Control
Debris Segregation
Qualifying Debris Validation
ADMS

DISASTERS

Oregon Wildfires (DR-4562-OR)

EDUCATION

High School Diploma, North Salem
High School, Salem, Oregon, 1997

**Keith Barnett, CDR Maguire, Inc.
Debris Monitor**

CDR | MAGUIRE
EMERGENCY MANAGEMENT

EXPERIENCE SUMMARY

Mr. Barnett has built a strong acumen for debris documentation and utilization of the ADMS.

RELEVANT EXPERIENCE

Debris Monitor, CDR Maguire, Inc., Oregon Wildfires (DR-4562-OR), Oregon Department of Transportation, January 2021 to Present: Provides oversight of operations at debris management sites. Assesses personal property debris/tree removals (PPDR). Participates in the validation of disaster related damages. Coordinates with DOT personnel to ensure all rules are being followed by debris removal contractors. Ensures proper protocols are being followed as trucks are being loaded. Attends weekly meetings with project managers for daily operation plans. Inspects and documents safety utilizing inspection check sheets for unsafe acts and/or conditions to the field supervisor with assigned areas. Generates right of way unit rate tickets for crew and heavy machinery and ensured that only eligible fire debris is removed, loaded, and hauled. Record all information on each load ticket using the Automated Debris Management System (ADMS) and ensure proper records include GPS coordinates and photos.

Package Handler, FedEx Ground, Salem, Oregon, September 2020 to December 2020: Responsible for the physical loading, unloading and/or sorting of packages of varying sizes and weights by hand. Duties include lifting, pushing, pulling, carrying, scanning, and placing packages following established guidelines and procedures.

CERTIFICATIONS & TRAINING

- Debris Monitor Quality Control Training
- IS-632.A: Introduction to Debris
- Debris Monitor Training (ADMS Operations, FEMA Debris Operations, Maintenance of Traffic, Debris Standard Operating Procedures, Daily Activity Log, Environmental Protection Plan (EPP), and Health & Safety)

YEARS OF EXPERIENCE

9 MONTHS (Since 2021)

EXPERTISE

Debris Documentation
Quality Control
Debris Segregation
Qualifying Debris Validation
ADMS
Map Reading

DISASTERS

Oregon Wildfires (DR-4562-OR)

EDUCATION

High School Diploma

EXPERIENCE SUMMARY

Mr. Wilson is detail oriented with an analytical thought process. He excels in documentation and ticket validation ensuring accuracy of work performed by contractors. Mr. Wilson has a proven track record of consistency and has been awarded Employee of the Month by CDR Maguire, Inc. for outstanding performance. His previous experience as an Electronic Security Technician has given him a strong background with data systems and record keeping.

RELEVANT EXPERIENCE

Debris Monitor, CDR Maguire, Inc., Oregon Wildfires (DR-4562-OR), Oregon Department of Transportation, January 2021 to Present: Provides oversight of operations at debris management sites. Assesses personal property debris/tree removals (PPDR). Participates in the validation of disaster related damages. Coordinates with DOT personnel to ensure all rules are being followed by debris removal contractors. Ensures proper protocols are being followed as trucks are being loaded. Attends weekly meetings with project managers for daily operation plans. Inspects and documents safety utilizing inspection check sheets for unsafe acts and/or conditions to the field supervisor with assigned areas. Generates right of way unit rate tickets for crew and heavy machinery and ensured that only eligible fire debris is removed, loaded, and hauled. Record all information on each load ticket using the Automated Debris Management System (ADMS) and ensure proper records include GPS coordinates and photos.

Electronic Security Technician, Oregon Department of Corrections, Salem, Oregon, May 2011 to July 2020: Supervised, scheduled, trained and assisted subordinate staff, trades personnel and inmate workers to complete the required maintenance tasks in a proficient manner with security being the priority. Coded, modified, and maintained software for automated control of housing units and escape detection systems utilizing specialized software to create touch panel user interface for unit control via software interaction. Programed, modified, and maintained large video matrix system switcher and associated equipment. Designed installation plan for surveillance cameras and recording equipment throughout facility. Assembled, installed software, and managed computer systems essential to the operation of the electronic surveillance and security systems. Prepared and maintained electronic and printed documentation pertaining to programming installation and testing of electronic security systems. Worked in close and immediate contact with prisoners daily.

CERTIFICATIONS & TRAINING

- CPR and First Aid Certified
- Boom/Scissor Lift and Forklift Certified
- IS-632.A: Introduction to Debris
- Debris Monitor Quality Control Training
- Debris Monitor Training (ADMS Operations, FEMA Debris Operations, Maintenance of Traffic, Debris Standard Operating Procedures, Daily Activity Log, Environmental Protection Plan (EPP), Health & Safety)

YEARS OF EXPERIENCE

10 MONTHS (Since 2021)

EXPERTISE

Debris Operations
Debris Tech
Debris Segregation
Debris Documentation
ADMS
Quality Control
Qualifying Debris Validation
Microsoft Office Suite

DISASTERS

Oregon Wildfires (DR-4562-OR)

EDUCATION

GED

**Libby Wilde, CDR Maguire, Inc.
Debris Monitor**

CDR|MAGUIRE
EMERGENCY MANAGEMENT

EXPERIENCE SUMMARY

Ms. Wilde has gained experience in Debris Monitoring during the 2020 Oregon Labor Day Wildfire Recovery. She has aided in quality control and ensured that documentation is in full compliance with Federal regulations.

RELEVANT EXPERIENCE

Debris Monitor, CDR Maguire, Inc., Oregon Wildfires (DR-4562-OR), Oregon Department of Transportation, July 2021 to Present: Provides oversight of operations at debris management sites. Assesses personal property debris/tree removals (PPDR). Participates in the validation of disaster related damages. Coordinates with DOT personnel to ensure all rules are being followed by debris removal contractors. Ensures proper protocols are being followed as trucks are being loaded. Attends weekly meetings with project managers for daily operation plans. Inspects and documents safety utilizing inspection check sheets for unsafe acts and/or conditions to the field supervisor with assigned areas. Generates right of way unit rate tickets for crew and heavy machinery and ensured that only eligible fire debris is removed, loaded, and hauled. Record all information on each load ticket using the Automated Debris Management System (ADMS) and ensure proper records include GPS coordinates and photos.

YEARS OF EXPERIENCE

3 MONTHS (Since 2021)

EXPERTISE

Debris Operations
Debris Tech
Debris Segregation
ADMS/Debris Documentation
Quality Control
Qualifying Debris Validation

DISASTERS

Oregon Wildfires (DR-4562-OR)

EDUCATION

Linn Benton Community College, 2001

Phlebotomist/Lab Assistant, LABCORP, July 2016 to October 2020: Performed blood collections for all ages, collected drug screens, and performed paternity tests while ensuring all specimens stayed viable. Responsible for data entry of patient information in timely manner while being accurate. Processed insurances and billing information while collecting payment.

Phlebotomist/Lab Assistant, Legacy Laboratory, October 2011 to June 2016: Performed blood collections for all ages and processed specimens while ensuring they stayed viable. Responsible for data entry at Laboratory. Packed and shipped specimens. Kept up on laboratory procedures and policies, including maintaining a clean and sanitary work environment.

Phlebotomist, Talecris Plasma Resources, May 2007 to September 2011: Performed venipuncture for plasma collection process. Operated plasma operating machines, assisted with training, and functioned as the backup Floor Lead for donor plasma processing floor.

CERTIFICATIONS & TRAINING

- Debris Monitor Quality Control Training
- IS-632.A : Introduction to Debris
- Debris Monitor Training (ADMS Operations, FEMA Debris Operations, Maintenance of Traffic, Debris Standard Operating Procedures, Daily Activity Log, Environmental Protection Plan (EPP), and Health & Safety)
- Certified Phlebotomist, Oregon Phlebotomy Incorporated, 2006

**William Gerros, CDR Maguire, Inc.
Debris Monitor**

CDR MAGUIRE
EMERGENCY MANAGEMENT

EXPERIENCE SUMMARY

Mr. Gerros is a diligent professional with a proven knowledge of resource management and quality control. He is skilled at monitoring contractor's operations and activities and recognizing eligible versus ineligible debris. He is experienced at accurately recording truck capacities and debris types. His previous work experience has also trained him in compliance with local and federal regulations.

RELEVANT EXPERIENCE

Debris Monitor, CDR Maguire, Inc., Oregon Wildfires (DR-4562-OR), Oregon Department of Transportation, January 2021 to Present: Provides oversight of operations at debris management sites. Assesses personal property debris/tree removals (PPDR). Participates in the validation of disaster related damages.

Coordinates with DOT personnel to ensure all rules are being followed by debris removal contractors. Ensures proper protocols are being followed as trucks are being loaded. Attends weekly meetings with project managers for daily operation plans. Inspects and documents safety utilizing inspection check sheets for unsafe acts and/or conditions to the field supervisor with assigned areas. Generates right of way unit rate tickets for crew and heavy machinery and ensured that only eligible fire debris is removed, loaded, and hauled. Record all information on each load ticket using the Automated Debris Management System (ADMS) and ensure proper records include GPS coordinates and photos.

Laborer, Glass Barn Greenhouse, Salem, OR, October 2020 to January 2021: Fed and watered livestock; monitored food and water supplies. Mixed feed, additives, and medicines in prescribed portions. Inspected and maintained equipment, buildings, pens, yards, and fences. Operated vehicles and powered equipment such as mowers, tractors, electric clippers, and pruning saws. Provided proper upkeep of sidewalks, driveways, parking lots, and planters.

CERTIFICATIONS & TRAINING

- Debris Monitor Quality Control Training
- IS-632.A: Introduction to Debris
- Debris Monitor Training (ADMS Operations, FEMA Debris Operations, Maintenance of Traffic, Debris Standard Operating Procedures, Daily Activity Log, Environmental Protection Plan (EPP), and Health & Safety)

YEARS OF EXPERIENCE

10 MONTHS (Since 2020)

EXPERTISE

Debris Operations
ADMS
Debris Segregation
Debris Documentation
Quality Control
Qualifying Debris Validation
American Sign Language (ASL)

DISASTERS

Oregon Wildfires (DR-4562-OR)

EDUCATION

High School Diploma, South Salem
High School, Salem, OR, 2015

Key Personnel



Brooks Wallace, P.E., President

brooks@debristech.com

Brooks R. Wallace, P.E. created DebrisTech in 2010 in response to a need for real-time auditing of debris removal projects. He has a vast array of experience in the field of civil engineering and in debris removal monitoring. Working as an engineer on numerous projects in South Mississippi, including the aftermath of Hurricane Katrina, he was able to identify vulnerabilities and inefficiencies in the process of debris removal operations and monitoring. He realized that the technology was available to provide real-time data to FEMA and municipal supervisors overseeing cleanup efforts while creating a database of information that could be referenced at any time for compliance purposes. Utilizing the technology currently available, Mr. Wallace developed the software platform for what has evolved into a system that is revolutionizing the process of debris monitoring and compliance.

A civil engineer by trade, Mr. Wallace has dealt with countless municipal and county projects involving infrastructure upgrades and the modernization of local and regional maps and surveys. He has worked with law enforcement agencies, municipal governments, state agencies, and FEMA on projects ranging from smart growth plans to large-scale utility and resource redesigns.

Mr. Wallace will perform contractual negotiations, contractor invoicing, software development, and asset/personnel assignment. He is proficient in preparation planning, analysis, monitoring procedures, and personnel management. The technology he developed, along with previous experience, creates an invaluable leader for the DebrisTech team.

Experience

DebrisTech, LLC

Founder/Creator - 2010 - Present

Dungan Engineering, P.A.

Principal Engineer - 2002 - Present

Education

University of Mississippi

Bachelor of Science, Civil Engineering

Disasters Worked

2020 DR-4576-MS Hurricane Zeta

2020 DR-4579-GA Topical storm Zeta

2020 DR-4563-AL Hurricane Sally

2020 DR-4654-FL Hurricane Sally

2020 DR-4572-TX Hurricane Laura

2020 DR-4557-IA Iowa Severe Storms - Derecho

2020 EM-3530 Texas Hurricane Hanna

2020 EM-3527 Louisiana Tropical Storm Cristobal

2020 DR-4551 Mississippi Severe Storms, Tornadoes, Straight-line Winds, And Flooding

2020 DR-4536 Mississippi Severe Storms, Tornadoes, Straight-line Winds, And Flooding

2020 DR-4478 Mississippi Severe Storms, Tornadoes, Straight-line Winds, And Flooding

2020 DR-4476 Tennessee Severe Storms, Tornadoes, Straight-line Winds, And Flooding

2020 DR-4528 Mississippi Covid-19 Pandemic

2020 DR-4473-PR Earthquakes

2020 EM-3426-PR Earthquakes

2019 DR-4470 Mississippi Severe Storms

2019 EF1 Tornado Dallas, TX

2019 DR-4465 Hurricane Dorian

2019 DR-4450 Mississippi Severe Storms

2019 DR-4429 Mississippi Severe Storms

2018 DR-4406 Hurricane Michael (AL)

2018 DR-4400 Hurricane Michael (GA)

2018 DR-4399 Hurricane Michael (FL)

2018 DR-4393 Hurricane Florence (NC)

2017 DR-4339 Hurricane Maria (PR)

2017 DR-4336-PR Hurricane Irma (PR)

2017 DR-4338 Hurricane Irma (GA)

2017 DR-4337 Hurricane Irma (FL)

2017 DR-4332 Hurricane Harvey (TX)

2017 DR-4320 Straight-line Winds (TN)

2017 DR-4314 Straight-line Winds (MS)

2017 DR-4297 Tornadoes (GA)

Protecting Communities. Leading Recovery.



Dennis Cruthirds

dennis@debristech.com

Dennis Cruthirds is a Project Manager with DebrisTech and was a former, long time employee of Dungan Engineering. His duties include the daily operations of the project, quality assurance/quality control of monitoring operations, the documentation of employee time, and delivering updates to the client's representative. Mr. Cruthirds has 12 years of experience in construction material testing and 14 years of debris monitoring. He brings a wealth of knowledge, capabilities, and experience to our clients and has worked on numerous debris removal monitoring and disaster recovery projects. During his career, Mr. Cruthirds has successfully managed the monitoring of millions of cubic yards of debris for some of the most catastrophic disasters across the nation. He has served as a project/site manager in Iowa, after the effects of a Derecho. His personality and experience affords him a perfect relationship with contractors, as well as our clients.

Experience

DebrisTech, LLC

2012 - Present - Project Manager

Dungan Engineering, P.A.

2007 - 2018 - CMT Lab Manager - CMT Inspector

2005 - 2008 - Field Monitor - Field Supervisor - Operations Manager

Education

Emergency Management Institute - FEMA Certified

IS-00008.a, IS-00019.15, IS-00020.15, IS-00021.15,
IS-00022, IS-00026, IS-00027, IS-00029, IS-00033.15,
IS-00042, IS-00100.b, IS-00100.pwb, IS-00100.fda,
IS-00107.15, IS-00144, IS-00207, IS-00247, IS-00250.a,
IS-00265, IS-00293, IS-00324.a, IS-00325, IS-00346,
IS-00366, IS-00362.a, IS-00386, IS-00395, IS-00403,
IS-00420, IS-00520, IS-00522, IS-00546.a, IS-00547.a,
IS-00548, IS-00551, IS-00558, IS-00613, IS-00632.a,
IS-00634, IS-00660, IS-00662, IS-00701.a, IS-00702.a,

IS-00703.a, IS-00706, IS-00720, IS-00775, IS-0080

IS-00802, IS-00804, IS-00808, IS-00809, IS-00810,

IS-00811, IS-00813, IS-00003, IS-00005.a, IS-00008.a,
IS-00011.a, IS-00015.b, IS-00101.c, IS-00102.c,

IS-00103, IS-00405, IS-00906, IS-00907, IS-00908,

IS-00909, IS-00912, IS-00914

Disasters Worked

2020 DR-4563-AL Hurricane Sally

2020 DR-4654-FL Hurricane Sally

2020 DR-4557-IA Iowa Severe Storms - Derecho

2020 EM-3527 Louisiana Tropical Storm Cristobal

2020 DR-4551 Mississippi Severe Storms, Tornadoes,
Straight-line Winds, And Flooding

2020 DR-4536 Mississippi Severe Storms, Tornadoes,
Straight-line Winds, And Flooding

2020 DR-4478 Mississippi Severe Storms, Tornadoes,
Straight-line Winds, And Flooding

2020 DR-4528 Mississippi Covid-19 Pandemic

2018 DR-4400 Hurricane Michael (GA)

2018 DR-4399 Hurricane Michael (FL)

2017 DR-4339 Hurricane Maria (PR)

2017 DR-4332 Hurricane Harvey (TX)

2017 DR-4314 Straight-line Winds (MS)

2017 DR-4295 Tornadoes (MS)

2016 DR-4277 Flooding (LA)

2016 DR-4263 Flooding (LA)

2015 DR-4205 Tornadoes (MS)

2014 DR-4175 Tornadoes (MS)

2013 PP Tornadoes (OK)

2012 DR-4085 Hurricane Sandy (NY)

2012 DR-4081 Hurricane Isaac (MS)

2008 DR-1786 Hurricane Gustav (LA)

2005 DR-1602 Hurricane Katrina (MS)

Protecting Communities. Leading Recovery.



Tyler Williamson

twilliamson@debristech.com

Tyler Williamson is a Project Manager with DebrisTech. Collateral duties include overseeing the daily operations of the assigned projects, including coordinating the recovery efforts with the client, FEMA PA consultants, local, state and federal agencies. He has exceptional documentation practices and excels in strategical planning. Mr. Williamson has several years of experience with DebrisTech at nearly every position in the company. He has worked on more than 40 debris removal and disaster recovery projects. He is leading our efforts in Puerto Rico with the training and supervision of hundreds of debris monitors. He also manages data, produces daily reports, for the debris monitoring effort for the several project through the South East. Mr. Williamson has helped clients address their recovery needs through expertise, technology and knowledge. Utilizing past experience, together with these ever developing skills, make him a valuable asset to DebrisTech.

Experience

DebrisTech, LLC

Project Manager - Operations Manager-2015 - Present

Data Manager - Field Monitor - Field Supervisor - 2014

Education

University of Mississippi

Bachelor of Science in Business Administration,
Managerial Finance

Hinds County Community College

Associate of Arts

Disasters Worked

2020 DR-4563-AL Hurricane Sally

2020 DR-4654-FL Hurricane Sally 2020 DR-4557-IA Iowa
Severe Storms - Derecho

2020 EM-3527 Louisiana Tropical Storm Cristobal

2020 DR-4551 Mississippi Severe Storms, Tornadoes,
Straight-line Winds, And Flooding

2020 DR-4536 Mississippi Severe Storms, Tornadoes,
Straight-line Winds, And Flooding

2020 DR-4478 Mississippi Severe Storms, Tornadoes,
Straight-line Winds, And Flooding

2020 DR-4476 Tennessee Severe Storms, Tornadoes,
Straight-line Winds, And Flooding

2020 DR-4528 Mississippi Covid-19 Pandemic

2020 DR-4473-PR Earthquakes

2020 EM-3426-PR Earthquakes

2019 DR-4465 Hurricane Dorian

2019 EF1 Tornado Dallas, TX

2019 DR-4470 Mississippi Severe Storms

2019 DR-4465 Hurricane Dorian

2019 DR-4450 Mississippi Severe Storms

2019 DR-4429 Mississippi Severe Storms

2018 DR-4399 Hurricane Michael (FL)

2017 DR-4339 Hurricane Maria (PR)

2017 DR-4336-PR Hurricane Irma

2017 DR-4338 Hurricane Irma (GA)

2017 DR-4337 Hurricane Irma (FL)

2017 DR-4332 Hurricane Harvey (TX)

2017 DR-4320 Straight-line Winds (TN)

2017 DR-4314 Straight-line Winds (MS)

2017 DR-4297 Tornadoes (GA)

2016 DR-4284 Hurricane Matthew (GA)

2016 DR-4283 Hurricane Matthew (FL)

2016 DR-4277 Flooding (LA)

2015 Avian Influenza (IA)

2014 DR-4175 Tornadoes (MS)



John McNeese

jmcneese@debristech.com

John McNeese is a Project Manager and has been working with the DebrisTech management team since 2012. He began as an instrumental part in leading the recovery efforts in Moore, Ok following the aftermath of one of the most devastating tornadoes in US history. Having an extensive background in communications, cost evaluation and construction, John excelled as a liaison between the client and contractor, aiding in the reimbursement process involved with federal funding. Prior to DebrisTech, John had been involved in recovery efforts as a debris contractor following Hurricane Katrina in 2005 and a project manager during the BP Oil Spill in 2010. Both of these events are considered two of the most historically devastating disasters along the Mississippi Gulf Coast. Mr. McNeese has since served as a project manager in Puerto Rico following Hurricane Maria, overseeing more than 450 employees and approximately 100 million dollars in debris removal costs. He is currently serving as a project manager for DebrisTech in Alabama and Florida, following a series of devastating Hurricane Sally.

Experience

DebrisTech, LLC

2012 - Present - Project Manager

Wallace Environmental

2010 - 2011 - Project Manager

TL Wallace Construction

2010 - Project Manager

Holiday Construction

2005 - 2006- Project Manager - Equipment Operator

Independent Contractor

1997 - 2016 Commercial/Residential/Farm and Land Appraiser

Education

University of Mississippi

Bachelor of Science, University Studies

Disasters Worked

2020 DR-4576-MS Hurricane Zeta

2020 DR-4579-GA Topical storm Zeta

2020 DR-4563-AL Hurricane Sally

2020 DR-4654-FL Hurricane Sally

2020 DR-4557-IA Iowa Severe Storms - Derecho

2020 EM-3530 Texas Hurricane Hanna

2020 EM-3527 Louisiana Tropical Storm Cristobal

2020 DR-4551 Mississippi Severe Storms, Tornadoes, Straight-line Winds, And Flooding

2020 DR-4536 Mississippi Severe Storms, Tornadoes, Straight-line Winds, And Flooding

2020 DR-4478 Mississippi Severe Storms, Tornadoes, Straight-line Winds, And Flooding

2020 DR-4476 Tennessee Severe Storms, Tornadoes, Straight-line Winds, And Flooding

2020 DR-4528 Mississippi Covid-19 Pandemic

2019 DR-4470 Mississippi Severe Storms

2019 DR-4465 Hurricane Dorian

2019 DR-4450 Mississippi Severe Storms

2019 DR-4429 Mississippi Severe Storms

2018 DR-4406 Hurricane Michael (AL)

2018 DR-4400 Hurricane Michael (GA)

2018 DR-4399 Hurricane Michael (FL)

2018 DR-4393 Hurricane Florence (NC)

2017 DR-4339 Hurricane Maria (PR)

2017 DR-4332 Hurricane Harvey (TX)

2017 DR-4314 Straight-line Winds (MS)

2017 DR-4295 Tornadoes (MS)

2016 DR-4277 Flooding (LA)

2015 Avian Influenza (IA)

2013 DR-4117 Tornadoes (OK)



Macon "Corey" Holliman

cholliman@debristech.com

Corey Holliman is our Data Manager who is dedicated to providing all software alterations, reports, or debris related information to all our clients. His skills and natural attention to detail are a pivotal part of the DebrisTech service.

Before DebrisTech he assisted firm with client interface creation, platform improvements, and automated reporting. Those experiences are a natural fit for DebrisTech. Corey uses our ADMS software to dispense the required information to our staff and clients for any assistance and reimbursement applications.

Experience

DebrisTech, LLC

2019 - Present - Data Manager

Education

University of Southern Mississippi

Bachelor of Science - Computer Science

Skills

JavaScript/TypeScript

CSS/SCSS/HTML5

JSON APIs/RESTful

ASP.NET/Express.js

Disasters Worked

2020 DR-4562-OR-Oregon WILDFIRES AND STRAIGHT-LINE WINDS

2021 DR-4598-MS-Mississippi Severe Winter Storms

2021DR-4592-KY Ice Storms

2020 DR-4576-MS Hurricane Zeta

2020 DR-4579-GA Topical storm Zeta

2020 DR-4563-AL Hurricane Sally

2020 DR-4654-FL Hurricane Sally

2020 DR-4572-TX Hurricane Laura

2020 DR-4557-IA Iowa Severe Storms - Derecho

2020 EM-3530 Texas Hurricane Hanna

2020 EM-3527 Louisiana Tropical Storm Cristobal

2020 DR-4551 Mississippi Severe Storms, Tornadoes, Straight-line Winds, And Flooding

2020 DR-4536 Mississippi Severe Storms, Tornadoes, Straight-line Winds, And Flooding

2020 DR-4478 Mississippi Severe Storms, Tornadoes, Straight-line Winds, And Flooding

2020 DR-4476 Tennessee Severe Storms, Tornadoes, Straight-line Winds, And Flooding

2020 DR-4528 Mississippi Covid-19 Pandemic



Education

B.S., Biology, Minor Chemistry and Animal Science, Eastern Oregon University, 1996

Years of Experience: 25

Certificates and Training

- Smith-Root Electrofisher Training, 2002
- Snorkeling Survey Training, ODFW 1993
- Spawning Survey Training, ODFW 1993
- Habitat Survey Training, ODFW 1993, 1996-1999
- Habitat Survey Training, USFS 1995

Professional

Memberships

- The Society of American Military Engineers
- NW Environmental Business Council
- Women in Environment Mentor and Committee Member

Erin VanDehey

Environmental Unit Supervisor

Erin has more than 25 years of experience as a lead fisheries biologist for projects throughout Washington, Oregon, Idaho, and California. Her responsibilities span a wide variety of projects with particular emphasis on threatened and endangered species, habitat assessments and restoration, natural resource management and mitigation plans, National Environmental Policy Act (NEPA) compliance, and project management. Her primary focus includes Endangered Species Act (ESA) issues, having prepared or managed over 60 Biological Assessments (BAs) and contributed to several NEPA documents and Habitat Conservation Plans (HCPs). Erin has addressed environmental impacts from a variety of activities, including coal mining, nuclear site decommissioning, port expansions, road improvements, airport expansions, hydroelectric projects, liquified natural gas (LNG) facilities, and commercial development. She has also managed and contributed to several large and multi-disciplinary field assessments organizing large teams of specialists to collect comprehensive data sets for a common purpose. In addition to her work as a fisheries biologist, Erin has more than 20 years of experience successfully managing complex and controversial projects for public for public and private clients. She enjoys supporting clients and manages projects with an emphasis on exceeding client expectations while ensuring regulatory compliance.

Proficiencies

- Fisheries biology
- Regulatory compliance
- Restoration
- Environmental Permitting
- Field Sampling

Select Relevant Project Experience 2018 to Present – Mason, Bruce & Girard, Inc.

Project Manager, National Park Service NEPA Public Comment Analysis, Anchorage, AK. Served as the Project Manager for the NEPA public comment analysis process for the National Park Service (NPS) proposed rule to modify portions of the Code of Federal Regulations (36 CFR Part 13) pertaining to hunting and trapping on national preserves. Deliverables included developing a coding structure, concern statements, and a comment analysis report for more than 211,000 comments submitted on the proposed rule. Erin led the project team who developed a coding structure approved by NPS and served as the framework for the duration of this project. The comments were processed in the NPS Planning, Environment, and Public Comment (PEPC) database. Comments not submitted in the PEPC database were converted to text prior to being coded. Each comment was reviewed and given a code and a rigorous QA/QC process was followed during comment coding to ensure this task was correctly completed while also being as efficient as possible. Concern statements were developed once all comments were coded and then assigned to the appropriate comments. A final QA/QC process was implemented to check both the coding and concern statements at the end of the project. A draft and final comment analysis report were prepared within less than 2 weeks of completing the concern statements and final QA/QC. A final Word and pdf version complying with Section 508 of the Rehabilitation Act were also provided. This project required attention to detail, efficiency, accuracy, and a well-organized and highly communicative team. This project met all milestones, and completed the deliverables on time and within budget.

Technical Lead, 3rd – party Support Services to USFWS for the Jordan Cove Pacific Connector Pipeline Project, 2012-2020, Coos Bay to Malin, OR. MB&G is supported the U.S. Fish and

Wildlife Service (USFWS) as a third-party consultant to ensure they have the necessary staff power to meet their obligation as a consulting regulatory agency on the proposed Jordan Cove Energy and Pacific Connector Gas Pipeline Project. MB&G provided species and resource experts on an ongoing basis to work with the USFWS to analyze the applicant's BA, prepare support materials for the Biological Opinion for the project, in addition to other tasks required as part of this regulatory compliance effort. Erin was primarily responsible for providing species expertise for Lost River and Shortnose suckers, while providing senior review and other technical support for Northern Spotted Owl, Marbled Murrelet, vernal pool fairy shrimp, snowy plover, fisher, coastal marten, albatross, Oregon spotted frog, and several protected botanical species.

Director and Senior Review, City of Hillsboro Lori Dr Culvert Removal Permit Strategy, Hillsboro, OR. Served as the Director and provided senior review for the City of Hillsboro (City) Lori Dr Culvert Removal Permit Strategy project. This project involved reviewing all on-site natural resources and providing the City with a proposed permitting strategy for a desired culvert replacement. The culvert was located in an environmentally sensitive area where local stakeholders took an interest in its management. Our team developed a streamlined permit strategy that was agreeable to all parties and provided cost saving measures for the City. This project was completed on time and within budget.

Project Manager, City of Happy Valley Land Use Application Review, Happy Valley, OR. Serving as the project manager and regulatory compliance specialists while acting as a member of the City's Planning Division. Duties include reviewing all land use applications for compliance with the City's environmental and land use municipal code and providing applicants appropriate guidance to meet code requirements.

Project Manager, PacifiCorp Lewis River Data Management System (LRDMS) Upgrades, Ariel, WA. Serving as the project manager to provide PacifiCorp with data cleansing and historic fish count data from Merwin and Swift facilities, fish count report automation, a fish count data review tool, and Passive Integrated Transponder (PIT) tag data enhancements. This project will develop scripts to process and load historic fish count data from the Merwin and Swift facilities to the LRDMS. Report generation features for the LRDMS website will be developed to enable PacifiCorp staff to generate Microsoft Excel reports for monthly and weekly fish counts. A new stand-alone internet-based portal is being developed for entering biological data from daily fish passage activities into the LRDMS through a new interface within the existing LRDMS framework. At the culmination of this effort, a large database will be transitioned from PacifiCorp's IT department and established onto a framework that is able to be maintained by third-party contractors, while also increasing the functionality of the system.

Project Manager, Springville Road Widening, Washington County, Hillsboro, OR. Served as the project manager for a road widening project located in Hillsboro, OR. This project included wetland impacts and required strategic designs to reduce impacts to maintain project schedules. Duties included Clean Water Act permitting.

References

- Michael Walters, City of Happy Valley, 503-783-3839, michaelw@happyvalleyor.gov
- Eileen Stone, PC Trask & Associates/USFWS, 503-517-2490, eileen@pctrask.com
- Chris Karchesky, Pacific Power, 360-225-4432, chris.karchesky@pacificcorp.com



HISTORICAL
RESEARCH
ASSOCIATES, INC.



Kelly Derr, PhD

Archaeologist

Kelly Derr joined HRA in 2014 and has over 19 years of professional experience in the Intermountain West and the Pacific Northwest. Her private sector and academic cultural resources management (CRM) experience includes work in Northern California, Oregon, Washington, Utah, Idaho, Montana, and Wyoming, as well as international experience in Canada and Uzbekistan. Her specialties include charcoal and pollen analysis, fire history reconstructions, terrestrial and aquatic faunal analysis, and lithic analysis including groundstone. Her research has been published in peer-reviewed journals, and she has been invited to speak about her research to agencies and Tribes. She has held/or can obtain archaeological permits in Oregon, Washington, Montana, Wyoming, Northern Idaho, South Dakota, and Utah. In addition to having extensive experience implementing National Register of Historic Places (NRHP), National Environmental Policy Act (NEPA), Section 106 of the National Historic Preservation Act (NHPA), Archaeological Resource Protection Act (ARPA), and Federal Energy Regulatory Commission (FERC) compliance, she has created and implemented Cultural Resource Management Plans (CRMPs) and Memorandum of Agreements (MOA) for Tribes and federal agencies. Kelly is also the Laboratory Manager for HRA and oversees archaeological collections and curation for collections in Oregon, Washington, and Idaho.

Selected Experience

PGE – Clackamas Hydroelectric On-Call Cultural Resource Services

Project Manager for on-call archaeological investigations within Portland General Electric (PGE) Clackamas River Hydroelectric Project between Estacada and Timothy Lake, Oregon. Kelly recently conducted archaeological monitoring for hazard tree removal associated with emergency fire response and post-fire archaeological survey and archaeological site damage assessments within the Riverside Fire perimeter. In addition to emergency fire response, the project will entail archaeological survey and site monitoring for resources within the FERC-licensed APE in support of the project's Historic Properties Management Plan (HPMP). On Call tasks may also include: compliance review of project operations/recreation/environmental activities, staff training and meetings, tribal and agency communication and coordination, background and literature research, resource and construction monitoring, archaeological permitting, field investigations (survey, resource recordation, resource evaluation), GIS data collection and management, artifact analysis and curation, map production, and reporting, including meeting annual reporting requirements.

MGE Fire Response Projects

Archaeologist for post-fire emergency cultural resources support for several projects in Northern California and Oregon within the Slater Fire, Archie Fire, and Echo Mountain Fire perimeters. Kelly has conducted background cultural resource searches in areas where emergency hazard tree removal and transmission line rehabilitation is planned and provides recommendations for archaeological monitoring to Mountain G. Enterprises (MGE), the contractor responsible for restoring Pacific Power transmission lines.

Education

PhD, Anthropology,
2012, Washington State
University, Pullman

MA, Anthropology,
2006, Colorado State
University, Fort Collins

BA, History, 2000,
Southern Oregon
University, Ashland

Qualifications

Meets the Secretary of
the Interior's
Professional
Qualification Standards
in Archaeology

Register of Professional
Archaeologists No.
989945

Specialized Training

Wilderness First Aid
Certification, November
2014

CPR Certification,
March 2014

PADI Open Water
Diver SCUBA
Certification, May 2004

Stouts Creek Fire Archaeological Survey	Project Manager for archaeological investigations of 1,200 acres of area within the 2017 Stouts Creek fire perimeter for the Bureau of Land Management–Roseburg District in Douglas County, Oregon. The survey resulted in the identification of new archaeological sites and required post-fire damage assessments for several previously recorded cultural resources. Kelly obtained an ARPA permit, conducted background research, oversaw the survey work, and reviewed the report of investigations.
US26 Necanicum Jct.–Jewell Jct. Cultural Resources Survey	Archaeologist for cultural resources survey for the US26 Necanicum Jct.–Jewell Jct. Project, Tillamook County, Oregon. HRA, subcontracted to MurraySmith, is preparing an Archaeological Resources Desktop Assessment Report and a Historic Resource Baseline Report for Oregon Department of Transportation’s (ODOT’s) US26 Necanicum Junction–Jewell Junction Project in Tillamook County, Oregon. The project requires a permit from the USACE for in-water work, triggering compliance with their responsibilities under Section 106 of the NHPA as regards potential project effects to historic properties. HRA is conducting archival research and preparing reports that summarizes the research and provides recommendations for additional work.
ODOT ARTS Projects	Project Manager for four separate ODOT improvement projects in Multnomah and Washington Counties, Oregon under the ODOT ARTS program. HRA, subcontracted to MurraySmith, is preparing an Archaeological Resource and Historic Resource Baseline Reports. The project may receive federal funding, triggering compliance with their responsibilities under Section 106 of the NHPA as regards potential project effects to historic properties. HRA is conducting archival research, conducting archaeological baseline surveys and preparing reports that summarizes the research and provides recommendations for additional work.
Pacific Connector Gas Pipeline Project, Southwestern OR	Served as the Principal Investigator from 2014-2019, for a 232-mile proposed natural gas pipeline that crosses Coos, Douglas, Jackson, and Klamath Counties in southwestern OR. Her duties involved managing all Phase I survey of the pipeline corridor and access roads, managing Phase II resource testing. This work required overseeing field directors and multiple crews of archaeologists and field survey logistics planning. In addition, Kelly served as the lead contact for five Oregon tribes and facilitates tribal-client and client-agency consultation for cultural resources on the project and co-manages the multi-million dollar budget for the project. Kelly also currently oversees all laboratory work associated with the Project.
WWSP Cultural Resources Services 2018–2019	Archaeologist and Laboratory Manager for Willamette Water Supply Program (WWSP) permitting services, Oregon. HRA conducted cultural resources investigations in support of permitting actions for the WWSP, a 10-year, multimillion-dollar project from several municipal governments to create a backup water supply for the Portland metro area. HRA conducted archaeological and architectural surveys along more than 30 miles of proposed alignment, recording several archaeological resources and more than 100 architectural properties. HRA coordinated with federal, state, and local agencies, as well as Tribes, to create a Programmatic Agreement (PA) to address cultural resources issues for the life of the project. The PA requires HRA to complete survey, resource evaluations, make effects recommendations, and draft treatment and avoidance plans for construction. Work-package-specific survey and evaluation reports are submitted to the U.S. Army Corps of Engineers (USACE) and the Oregon State Historic Preservation Office (SHPO) for review, and post-construction memos documenting all monitoring activities, unanticipated discoveries, and tribal coordination.

Reference

- Mini Sharma-Ogle, Portland General Electric Company, 503-464-8657, Mini.Sharma-Ogle@pgn.com
- Mary E. Young, Oregon Department of Transportation, (503) 731-8436, Mary.E.Young@odot.state.or.us
- Eric Kasprzak, PacifiCorp, (503) 813-6093, Eric.kasprzak@PacifiCorp.com



kroslund@maulfoster.com
360.433.0237

Qualifications

- BA, Geology: Albion College
- Graduate coursework:
Western Michigan University

Licenses

- Licensed Geologist:
Washington, No. 3081
- Registered Geologist:
Oregon, No. G2502
- Professional Geologist:
Idaho, No. PGL- 1547

Certifications

- AHERA Certified Building
Inspector
- 40-Hour Hazardous Waste
Operation Training
and 8-Hour Hazardous Waste
Operation Refresher Training
- 8-Hour Hazardous Waste
Supervisor Training
- First aid/AED/CPR training

Kyle Roslund, LG

AHERA AAI

Mr. Roslund has more than twelve years of experience in environmental consulting, focused on underground storage tank assessment and decommissioning, subsurface investigations, and environmental site cleanup in Oregon, Washington, and Idaho. He has helped develop and implement a wide variety of field investigations, and has worked independently and on teams to clean up a multitude of impaired properties.

Mr. Roslund has completed site assessments and decommissioning activities at numerous fuel-containing underground storage tank sites throughout the State of Washington. He is proficient in a wide variety of boring techniques and has provided oversight during the installation of resource protection wells; remedial action wells, including injection and extraction wells; and piezometers. Mr. Roslund also has experience with the design and implementation of in situ remediation and bioremediation systems related to contaminated soil and groundwater. He has field experience with asbestos in building materials, soil, soil vapor, and groundwater sampling; operation and maintenance of groundwater treatment systems; and construction oversight with an emphasis on tank decommissioning and building demolition.

Mr. Roslund has performed data analysis and database management and has generated potentiometric surface maps. He has prepared health and safety plans, cost estimates, and reports such as Phase I environmental site assessments, sampling and analysis plans, and remedial investigations and feasibility studies. Mr. Roslund's background includes geologic mapping, interpretation of aerial photographs, landslide investigations, and geologic education at the primary, secondary, and undergraduate levels.

RELEVANT PROJECTS

Public Property, Grants Pass, OR

Mr. Roslund managed the oversight and administration of construction activities for the abatement and demolition of a five-story hospital building. He was responsible for oversight of daily inspections of the work, collecting air samples for fiber and dust levels in compliance with DEQ and OSHA regulations, conducting clearance sampling for each floor, containment inspections for each abatement containment that was created, oversight of building demolition, backfill of all excavated materials with clean fill, and communications and coordination with the contractor and client. Contaminants included lead-based paint and asbestos. The remedial efforts are in support of cleanup and development that will allow the property owner to sell the site. The demolition was funded by a Business Oregon Grant.

Kyle Roslund, LG

Industrial Property, Vancouver, WA

Mr. Roslund provided comprehensive facility decommissioning services for a silicon ingot manufacturing facility. MFA managed a variety of services, including the following: environmental due diligence management; agency correspondence and reporting; conducting a building inspection of client property modifications related to asbestos-containing material and lead-containing materials facility construction and restoration oversight; implementation of a construction stormwater pollution prevention plan; and client-property owner negotiations and communications.

MFA implemented the decommissioning and decontamination of contact chemical process equipment at the facility, with mitigation of risk to exposure of any residual chemicals left on site during facility decommissioning. Waste streams generated at the site were characterized and managed as appropriate. MFA initiated an environmental sampling and analysis procedure to address the historical release of process material at the site and complete regulatory compliance on behalf of the client. MFA conducted a building material survey for potential asbestos-containing and lead-containing materials to aid in completion of facility restoration. Concerns regarding stormwater-related impacts arose during facility restoration, and MFA implemented a construction stormwater pollution prevention plan, including the introduction of best management practices. Any potentially impacted stormwater was collected and stored on site. All underground injection control points and periphery catch basins were vacuum-cleaned and disposed of appropriately.

ENVIRONMENTAL SITE INVESTIGATIONS

Commercial Property, Olympia, WA

Mr. Roslund participated in the final remedial investigation activities at a retail store to evaluate whether the subsurface (soil and groundwater) under the store was adversely impacted by petroleum hydrocarbons and volatile organic compounds from the historical uses at the adjoining and upgradient property where retail gasoline stations and an automotive repair facility formerly operated.

Commercial Property, Arlington, WA

Mr. Roslund oversaw the remedial investigation and feasibility study activities for an active retail gasoline station, with oversight from the Washington State Department of Ecology Toxics Program. The project included assessing the nature and extent of petroleum-impacted subsurface media via the installation of on- and off-property resource protection wells by direct-push probe technology. The investigation included calculating site-specific cleanup levels and cost projections associated with full-scale remediation.

Commercial Property, Seattle, WA

Mr. Roslund oversaw the supplemental remedial investigation for an active retail gasoline station entered into the Washington State Department of Ecology's Voluntary Cleanup Program. Tasks performed by Mr. Roslund included reviewing the historical documentation of previous environmental activities completed at the site, the installation of four resource protection wells via hollow-stem auger drilling technology, and support to the client's legal counsel.

References

Metro
Willamette Falls Legacy Project
Brian Harper
Planner
brian.harper@oregonmetro.gov
503-797-1833

City of Grants Pass
Area-Wide Planning
Scott Lindberg
Grants Specialist
slindberg@grantspassoregon.gov
541-450-6000

Washington Department of Enterprise Services
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