# State of Nevada Fire Fuels Reduction & Vegetation Management RFQ 3282

| Part I A – Technical SOQ |                                   |  |  |  |
|--------------------------|-----------------------------------|--|--|--|
| RFQ Title:               | Fire Fuels Reduction & Vegetation |  |  |  |
|                          | Management                        |  |  |  |
| RFQ:                     | 3282                              |  |  |  |
| Vendor Name:             | Chloeta Fire, LLC                 |  |  |  |
| Address:                 | 2501 Liberty Pkwy Ste 176         |  |  |  |
|                          | Midwest City, OK 73110            |  |  |  |
| Opening Date:            | February 7, 2017                  |  |  |  |
| Opening Time:            | 2:00 PM                           |  |  |  |









4 February 2017

#### **RFQ 3282**

**Fire Fuels Reduction and Vegetation Management Services** 

ATTN: Nancy Feser, Purchasing Officer I State of Nevada Purchasing Division 515 E. Musser Street, Suite 300 Carson City, NV 89701

Dear Ms. Feser,

Chloeta is pleased to provide you with our qualification to provide professional fire fuels reduction and vegetation management services for multiple customers in Nevada. Our written technical proposal demonstrates our company's strengths in terms of experience, technical feasibility, economic viability, adherence to protocols, procedures and regulations, and a demonstrated path forward for successful contract completion. Chloeta is fully committed to assist the State in meeting its important public safety and natural resources management goals and objectives through the timely procurement of the firm's natural resources and wildland fire professionals. Chloeta previously held this contract in 2009-2013.

Our technical proposal highlights our team's vast experience in providing a diverse range of similar services to a variety of public and private sector clients, including multiple customers throughout the West. Chloeta is a Cherokee Nation TERO-certified American Indian-owned and operated certified small Disadvantaged Business Enterprise (DBE). Our firm maintains DBE certifications from the U.S. Small Business Administration (SBA), Oklahoma Department of Transportation (ODOT), Cherokee Nation of Oklahoma, Muscogee (Creek) Nation of Oklahoma and the City of Tulsa currently. We have also been recognized with national awards for our superior services by the SBA and the U.S. Department of Commerce's Minority Business Development Agency.

Given our team's demonstrated results in analyzing, structuring, executing complex assignments in the prescribed fire consulting arena internationally, the stature of our experts as leaders in their respective specialties, and our team's prior experience, we feel that Chloeta is uniquely qualified for this important responsibility. Our firm's staff is comprised nearly entirely of former career agency wildland fire and natural resources personnel, uniquely positioning us to understand the critical needs which exist here. Chloeta's proposed timely communications and responsiveness to requirements (achieved via readily available Great Basin-based resources) – combined with superior technical and financial skills in similar work will ensure that the value received by the State far exceeds the cost of our services.

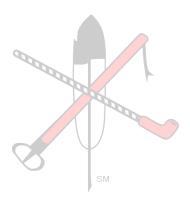


Our DUNS is 82859012, FEIN is 26-3474042 and our CAGE is 5K6E2. If you have any questions, please do not hesitate to contact the wildfire experts toll free at any time at (877) CHLOETA (245-6382) or by email at <a href="mailto:info@chloetafire.com">info@chloetafire.com</a>.

Sincerely,

/s/ Chet W. Dodrill

Chet W. Dodrill Chief Administrative Officer



# **TABLE OF CONTENTS**

| Tab III:  | Vendor Information Sheet          | 1  |
|-----------|-----------------------------------|----|
| Tab IV:   | State Documents                   | 3  |
| Tab V:    | Attachment B                      | 11 |
| Tab VI:   | General Minimum Qualifications    | 13 |
| Tab VII:  | Technical Minimum Qualifications  | 15 |
| Tab VIII: | Company Background and References | 37 |
| Tab IX:   | Proposed Staff Resume             | 45 |
| Tax X:    | Other Informational Material      | 73 |



# **VENDOR INFORMATION SHEET FOR RFQ 3282**

# **Vendor Must:**

- A) Provide all requested information in the space provided next to each numbered question. The information provided in Sections V1 through V6 will be used for development of the contract;
- B) Type or print responses; and
- C) Include this Vendor Information Sheet in Tab III of the Technical SOQ response.

| V1  | Company Name                                   | Chloeta Fire, LLC           |                            |                     |                                       |                                     |
|-----|--|-----------------------------|----------------------------|---------------------|---------------------------------------|-------------------------------------|
|     |  |                             |                            |                     |                                       |                                     |
| V2  | Street Address                                 | 2501 Libert                 | y Pkwy Ste 176             |                     |                                       |                                     |
|     | 70   |                             |                            |                     |                                       |                                     |
| V3  | City, State, ZIP                               | Midwest Cit                 | y, OK 73110                |                     |                                       |                                     |
|     | <u> </u>                                       |                             | T-11                       | NT1                 |                                       | 1                                   |
| V4  | Area Code: 877                                 | Number:                     | Telephone 245-6382         | Number              | Evt                                   | ension:                             |
|     | Alea Code. 677                                 | Nulliber.                   | 243-0302                   |                     | EXI                                   | ension.                             |
|     |  |                             | Facsimile I                | Number              |                                       |                                     |
| V5  | Area Code: 405                                 | Number:                     | 212-5040                   |                     | Ext                                   | ension:                             |
|     | 1  | "                           |                            |                     |                                       |                                     |
| V6  |  |                             | Toll Free N                | Number -            |                                       |                                     |
| • • | Area Code: 877                                 | Number:                     | 245-6382                   |                     | Ext                                   | ension:                             |
|     | <u> </u>                                       |                             |                            | . ~                 |                                       |                                     |
|     |  |                             | on for Question            |                     | •                                     | ions,                               |
|     | Name: Chet Do                                  |                             | ng address if d            | jjerent ti          | nan above                             |                                     |
| V7  |  |                             | O#:                        |                     |                                       |                                     |
|     | Address: same as above                         |                             |                            |                     |                                       |                                     |
|     |  |                             |                            |                     |                                       |                                     |
|     | Email Address: cdodrill@chloetafire.com        |                             |                            |                     |                                       |                                     |
|     |  | Tolo                        | phone Number fo            | or Contac           | t Dorgon                              |                                     |
| V8  | Area Code: 877                                 | Number:                     | 245-6382                   | or Comac            |                                       | ension:                             |
|     |  | T (dilloci.                 | Z-70 000Z                  |                     |                                       |                                     |
|     | <u> </u>                                       |                             |                            |                     |                                       | CHSIOH.                             |
| 110 | <u></u>  | Face                        | simile Number fo           | or Contact          | , , , , , , , , , , , , , , , , , , , | CHSIOH.                             |
| V9  | Area Code: 405                                 | Face<br>Number:             | simile Number fo           | or Contact          | Person                                | ension:                             |
| V9  | , , , ,  | 1                           |                            | or Contact          | Person                                |                                     |
|     | Area Code: 405                                 | Number:  [ame of Indivi     |                            | d to Bina           | Person Ext                            | ension:                             |
| V9  | Area Code: 405                                 | Number:  [ame of Indivi     | 212-5040                   |                     | Person Ext                            | ension:                             |
|     | Area Code: 405  Name: Chet Doo                 | Number:  Same of Individril | 212-5040<br>dual Authorize | d to Bind<br>Title: | Person Ext  I the Organiz  Chief Admi | ension:  zation  nistrative Officer |
|     | Area Code: 405  Name: Chet Doo  Signature (Ina | Number:  Same of Individril | 212-5040<br>dual Authorize | d to Bind<br>Title: | Person Ext  I the Organiz  Chief Admi | ension:                             |



Governor

Jeffrey Haag
Administrator

Brian Sandoval

SUBJECT: Amendment 1 to Request for Qualification 3282

DATE OF AMENDMENT: January 20, 2017

DATE OF RFQ RELEASE: January 10, 2017

DATE AND TIME OF OPENING: February 7, 2017

AGENCY CONTACT: Nancy Feser, Procurement Staff Member

The following shall be a part of RFQ 3282 for Fire Fuels Reduction and Vegetation Management Services. If a vendor has already returned a proposal and any of the information provided below changes that proposal, please submit the changes along with this amendment. You need not re-submit an entire proposal prior to the opening date and time.

1. Do you require CD's? or can we use thumb drives?

A thumb drive is acceptable.

2. pg 14 4.3.3 Is the cost for transportation and water to be included in equipment cost?

Yes, these costs should be factored into the bid.

3. pg 15 4.3.6.1 D8 or larger, Is there a horse power and weight requested? There are many D8's running from 170 hp and up and weights of 50 k to 95 k.

No, As long as the equipment can pull an Ely or smooth chain assembly which is approximately 180 feet in length and weighs approximately 22,000 lbs. – 28,500 lbs. in varied terrain and topographic features including hills, draws in a mountainous setting and capable of mountain seed dribblers we won't dictate the exact type of dozer to be used.

4. pg 17 4.6.1 Is the vender hauling containers or providing containers or both?

**Both** 

5. pg 17 4.6.5 Regarding log trucks - Would they go under this section or other specialized trailers? i.e. hay racks?

Yes, they would fall under hay racks.

6. Will other hauling services be included? i.e. water,log truck, chip truck or other specialized hauling equipment

Yes

7. Page 30/54 Section 10.1.6.4 - Is a 3 ring binder acceptable?

Yes

8. Page 12/54 Section 4.1.91. - Confirming costs are not needed for the response to RFQ.

No, bid/cost will be required on an as needed basis depending on the project.

9. Page 39/54 Section Section 11.2 - How is financial stability determined if financial information (P&L, Balance Sheet) are not required?

Since the projects will be done on an as needed basis, and bids will be requested at that time, the financial stability will not be required as part of the proposal.

10. On pg 4 second paragraph'

What are the boundaries of Northern, Southern, Rural areas?

There are no set boundaries, it is up to the Vendor to identify the areas of the State in which they are willing to operate as stated.

11. On pg 5 - Can the pricing be kept confidential?

No, cost is a matter of public record Per NRS 333, and will be required on a project, by project bases.

# ALL ELSE REMAINS THE SAME FOR RFQ 3282.

Vendor shall sign and return this amendment with proposal submitted.

| NAME OF VENDOR | Chloeta Fire, LLC   |      |             |
|----------------|---------------------|------|-------------|
| AUTHORIZED     |                     |      |             |
| SIGNATURE      | /s/ Chet Dodrill    |      |             |
| TITLE          | Chief Admin Officer | DATE | 04 FEB 2017 |

RFQ 3282 Amendment 1

This document must be submitted in the "State Documents" section/tab of vendors' technical proposal

#### ATTACHMENT A – CONFIDENTIALITY AND CERTIFICATION OF INDEMNIFICATION

Submitted proposals, which are marked "confidential" in their entirety, or those in which a significant portion of the submitted proposal is marked "confidential" will not be accepted by the State of Nevada. Pursuant to NRS 333.333, only specific parts of the proposal may be labeled a "trade secret" as defined in NRS 600A.030(5). All proposals are confidential until the contract is awarded; at which time, both successful and unsuccessful vendors' technical and cost proposals become public information.

In accordance with the Submittal Instructions of this RFQ, vendors are requested to submit confidential information in separate binders marked "Part I B Confidential Technical" and "Part III Confidential Financial".

The State will not be responsible for any information contained within the proposal. Should vendors not comply with the labeling and packing requirements, proposals will be released as submitted. In the event a governing board acts as the final authority, there may be public discussion regarding the submitted proposals that will be in an open meeting format, the proposals will remain confidential.

By signing below, I understand it is my responsibility as the vendor to act in protection of the labeled information and agree to defend and indemnify the State of Nevada for honoring such designation. I duly realize failure to so act will constitute a complete waiver and all submitted information will become public information; additionally, failure to label any information that is released by the State shall constitute a complete waiver of any and all claims for damages caused by the release of the information.

This proposal contains Confidential Information, Trade Secrets and/or Proprietary information as defined in Section 2 "ACRONYMS/DEFINITIONS."

Please initial the appropriate response in the boxes below and provide the justification for confidential status.

|                  | Part I B – Confide         | ential Technical Info   | ormation                |
|------------------|----------------------------|-------------------------|-------------------------|
| YES              |                            | NO NO                   | X                       |
| TES              | Luctification              | for Confidential Sta    |                         |
|                  | Justification              | ior Comidential Sta     | itus                    |
|                  |                            |                         |                         |
| A P              | Public Records CD has been | included for the Te     | chnical SOO Proposal    |
| YES              | Х                          | NO                      | <u> </u>                |
|                  |                            | l l                     |                         |
|                  | Part III – Confide         | ential Financial Info   | rmation                 |
| YES              |                            | NO                      | Х                       |
|                  | Justification              | for Confidential Sta    | ntus                    |
|                  |                            |                         |                         |
| Olderte Fire I   | 1.0                        |                         |                         |
| Chloeta Fire, L  | LC                         |                         |                         |
| Company Name     |                            |                         |                         |
| /s/ Chet Dodrill |                            |                         |                         |
| Signature        |                            |                         |                         |
| Chet Dodrill     |                            |                         | 04 FEB 2017             |
| Print Name       |                            |                         | Date                    |
|                  | This document must be subm | itted in Tab IV of vend | or's technical proposal |

#### ATTACHMENT C – VENDOR CERTIFICATIONS

Vendor agrees and will comply with the following:

- (1) Any and all prices that may be charged under the terms of the contract do not and will not violate any existing federal, State or municipal laws or regulations concerning discrimination and/or price fixing. The vendor agrees to indemnify, exonerate and hold the State harmless from liability for any such violation now and throughout the term of the contract.
- (2) All proposed capabilities can be demonstrated by the vendor.
- (3) The price(s) and amount of this proposal have been arrived at independently and without consultation, communication, agreement or disclosure with or to any other contractor, vendor or potential vendor.
- (4) All proposal terms, including prices, will remain in effect for a minimum of 180 days after the proposal due date. In the case of the awarded vendor, all proposal terms, including prices, will remain in effect throughout the contract negotiation process.
- (5) No attempt has been made at any time to induce any firm or person to refrain from proposing or to submit a proposal higher than this proposal, or to submit any intentionally high or noncompetitive proposal. All proposals must be made in good faith and without collusion.
- (6) All conditions and provisions of this RFQ are deemed to be accepted by the vendor and incorporated by reference in the proposal, except such conditions and provisions that the vendor expressly excludes in the proposal. Any exclusion must be in writing and included in the proposal at the time of submission.
- (7) Each vendor must disclose any existing or potential conflict of interest relative to the performance of the contractual services resulting from this RFQ. Any such relationship that might be perceived or represented as a conflict should be disclosed. By submitting a proposal in response to this RFQ, vendors affirm that they have not given, nor intend to give at any time hereafter, any economic opportunity, future employment, gift, loan, gratuity, special discount, trip, favor, or service to a public servant or any employee or representative of same, in connection with this procurement. Any attempt to intentionally or unintentionally conceal or obfuscate a conflict of interest will automatically result in the disqualification of a vendor's proposal. An award will not be made where a conflict of interest exists. The State will determine whether a conflict of interest exists and whether it may reflect negatively on the State's selection of a vendor. The State reserves the right to disqualify any vendor on the grounds of actual or apparent conflict of interest.
- (8) All employees assigned to the project are authorized to work in this country.
- (9) The company has a written equal opportunity policy that does not discriminate in employment practices with regard to race, color, national origin, physical condition, creed, religion, age, sex, marital status, sexual orientation, developmental disability or handicap.
- (10) The company has a written policy regarding compliance for maintaining a drug-free workplace.
- (11) Vendor understands and acknowledges that the representations within their proposal are material and important, and will be relied on by the State in evaluation of the proposal. Any vendor misrepresentations shall be treated as fraudulent concealment from the State of the true facts relating to the proposal.
- (12) Vendor must certify that any and all subcontractors comply with Sections 7, 8, 9, and 10, above.
- (13) The proposal must be signed by the individual(s) legally authorized to bind the vendor per NRS 333.337.

| Chloeta Fire, LLC  |             |  |  |
|--|-------------|--|--|
| Vendor Company Name  |             |  |  |
| /s/ Chet Dodrill   |             |  |  |
| Vendor Signature   |             |  |  |
| Chet Dodrill   | 04 FEB 2017 |  |  |
| Print Name   | Date        |  |  |
| This document must be submitted in Tab IV of vendor's technical proposal |             |  |  |

#### ATTACHMENT I – CERTIFICATION REGARDING LOBBYING

# Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federally appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all sub awards at all tiers (including subcontracts, sub grants, and contracts under grants, loans, and cooperative agreements) and that all sub recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

| By:  | /s/ Chet Dodrill  | 04 FEB 2017    |
|------|---|----------------|
| _    | Signature of Official Authorized to Sign Application        | Date           |
| For: | Chloeta Fire, LLC   |                |
|      | Vendor Name   |                |
|      | Fire Fuels Reduction and Vegetation Management              |                |
|      | Project Title   |                |
|      |   |                |
|      |   |                |
|      | This document must be submitted in Tab IV of vendor's techn | nical proposal |

# ATTACHMENT B – TECHNICAL CERTIFICATION OF COMPLIANCE WITH TERMS AND CONDITIONS OF RFQ

I have read, understand and agree to comply with *all* the terms and conditions specified in this Request for Qualification.

| YES _                          | YES X I agree to comply with the terms and conditions specified in this RFQ. |  |  |  |  |
|--------------------------------|--|--|--|--|--|
| NO _                           |  | I do not agree to comply with the terms  | and conditions specified in this RFQ.  |  |  |
| or any intables be<br>submissi | ncorporated of<br>elow. If ven-<br>ion, the State                            | or assumption require a change in the terms documents, vendors <i>must</i> provide the specifidors do not specify in detail any exceptions will not consider any additional exceptions | ic language that is being proposed in the s and/or assumptions at time of proposal |  |  |
|                                | a Fire, LLC  |  |  |  |  |
| Compan                         | y Name   |  |  |  |  |
| /s/ Che                        | et Dodrill   |  |  |  |  |
| Signatur                       | e  |  |  |  |  |
| Chet D                         | odrill   |  | 04 FEB 2017  |  |  |
| Print Na                       | me   |  | Date   |  |  |
|                                |  |  |  |  |  |

Vendors MUST use the following format. Attach additional sheets if necessary.

# **EXCEPTION SUMMARY FORM**

| EXCEPTION # | RFQ SECTION<br>NUMBER | RFQ<br>PAGE NUMBER | EXCEPTION (Complete detail regarding exceptions must be identified) |
|-------------|-----------------------|--------------------|---|
| N/A         |                       |                    |   |
|             |                       |                    |   |
|             |                       |                    |   |

# **ASSUMPTION SUMMARY FORM**

| ASSUMPTION # | RFQ SECTION<br>NUMBER | RFQ<br>PAGE NUMBER | ASSUMPTION (Complete detail regarding assumptions must be identified) |
|--------------|-----------------------|--------------------|---|
| N/A          |                       |                    |   |
|              |                       |                    |   |
|              |                       |                    |   |

This document must be submitted in Tab V of vendor's technical proposal

#### **TECHNICAL STATEMENT OF QUALIFICATIONS**

#### Tab VI – General Minimum Qualifications

3.2.1 Vendors will be required to have appropriate license(s) and insurance to qualify for all work in this RFQ. Copy of appropriate license(s) must be submitted with proposal; and

Chloeta possesses all necessary professional qualifications and insurance to complete work under this solicitation. The company is a member of the National Wildfire Suppression Association and all employees who will perform hand crew services and controlled burning currently possess all necessary National Wildfire Coordinating Group (NWCG) qualifications for their position. Our firm is not seeking qualification for any item requiring state licensure, such as pesticide application.

Chloeta maintains insurance that meets or exceeds the minimum standards in the RFQ. Following are the firm's insurance limits:

- Professional Liability: \$1,000,000
- Forester's Errors and Omissions: \$1,000,000
- Automobile: \$1,000,000
- Worker's Compensation: \$1,000,000
- Directors and Officers and Employment Practices Liability: \$1,000,000
- 3.2.2 Vendors may also be required to provide a Performance Security in the form of a Surety Bond, Certificate of Deposit or Treasury Note. This requirement will be on a project by project basis, and will be in an amount up to 100% of the project total.

Chloeta, as a participant in the U.S. Small Business Administration 8(a) program, has guaranteed access to bonding as necessary. Such a requirement, as needed on a project by project basis, will not pose any problems for our firm.



Chloeta Fire 8(a) | HUBZone | American Indian SDB GSA Schedule GS10F049BA State of Nevada RFQ 3238 Fire Fuels Reduction & Vegetation Mgt Services

This Page Intentionally Blank



#### Tab VII – Technical Minimum Qualifications

#### 4.1 Forest Management Hand Crew Services

Chloeta currently provides up to 20 person hand crews across the country each year for prescribed fire, wildland fire, and all-hazards events. Our hand crews include the USDA Forest Service National Type 2 Initial Attack (T2IA) Crew No. 14 based out of Rigby, ID, which responds to wildland fire incidents throughout the Great Basin and nationwide. Chloeta has provided hand crew services to federal, state, and local governments, as well as multiple natural resources oriented non-profit customers since 2009.

Chloeta hand crews have experience with the following tasks:

- Travel on narrow, winding mountain roadways
- Working in difficult terrain, including steep slopes, large snags, unstable footing, poor weather, and urban environments
- Lifting rounds of wood and segments of logs

All non-entry level personnel employed by Chloeta are enrolled in NWCG S-212, Wildland Fire Power Saws, to learn how to properly and safely perform chainsaw felling operations and are qualified at least as a Faller, Type 3 (FAL3). In addition, many of Chloeta's employees have an educational background in forestry and have skills in timber cruising, marking, and mensuration.

Following is a listing of past experience in providing hand crews for the purposes of fuels reduction, tree thinning, wildlife habitat improvement, and erosion control. Hand crew assignments principally focused on prescribed fire are listed in section 4.9.

Agency: USDA Forest Service National Interagency Fire Center (NIFC)

Contract Type: Labor Hours

Contract Number: AG-024B-C-16-9018

Customer Contact Point: Cathy Baird, (208) 866-7291, cbaird@fs.fed.us

Status: Year 2 of 5

Services: Chloeta provides the 20 person Type 2 Initial Attack (T2IA) Crew 14 for wildland fire and all

hazards assignments across R4 and the entire United States.

Agency: State of Nevada Contract Type: IDIQ Contract Number: 1805

Customer Contact Point: Chris Faehling, (775) 962.5543, cfaehling@forestry.nv.gov

Status: Completed

Services: Chloeta was a contract holder with the State of Nevada to provide wildland fire fuels reduction and vegetation management from 2010 to 2013. Services provided included providing

several miles of fuelbreak construction near Pioche, NV

Agency: USDI National Park Service, Hot Springs National Park



Contract Type: Firm, Fixed Price Contract Number: P15PX04110

Customer Contact Point: Kathryn Logsdon, (217) 391-3225, Kathryn\_logsdon@nps.gov

Status: Completed

Services: Chloeta was awarded a contract to construct 5.6 miles (40 acres) of fireline in a heavily populated area around Hot Springs National Park. Chloeta previously completed a similar project at

this location in 2012.

Agency: U.S. Air Force Wildland Fire Center | U.S. Army Corps of Engineers (USACE) Omaha District

Contract Type: Labor Hours

Contract Number: W9128F-16-D-0052-0001

Customer Contact Point: Luke Walsh, (402) 995-2750, lucas.v.walsh@usace.army.mil

Status: In Progress

Services: Chloeta currently staffs eight (8) full time wildland fire and fuels management positions at

Vandenberg AFB in Lompoc, CA.

Agency: USDA Forest Service – Eastern Great Basin Region, R4

Contract Type: IDIQ
Status: Year 3 of 3

Customer Contact Point: Sue Huston, CO, shuston@fs.fed.us

Services: Chloeta has been awarded a contract to provide wildland and prescribed fire overhead and modules to incidents and burns nationwide to fall hazardous trees. This faller/faller module contract is three (3) years in length with resources being mobilized through the interagency coordination center in Idaho Falls, ID for both wildland fire incidents and prescribed burns on federal land.

Agency: USDA Forest Service, Southern Region 8

Contract Type: IDIQ Status: Year 3 of 3

Customer Contact Point: Shundrica Perkins, (601) 892-5652

Services: Chloeta has been awarded a contract to provide miscellaneous heavy equipment, such as

dozers, excavators, and transports to all-hazards incidents in the Southern Region.

#### 4.2 Large Tree Removal

Chloeta can fell large trees classified as "Class A" in Section 4.2.11.1 of the RFQ. Chloeta maintains multiple NWCG Fallers, Type 1 (Advanced Fallers / FAL1) on staff, which is the most advanced chainsaw faller position. The company has even more Type 2 Fallers (Intermediate Fallers / FAL2). Following are falling assignments Chloeta personnel have performed since 2012:

| Year | Location             | Incident Name   | Classification | Number of Fallers |
|------|----------------------|-----------------|----------------|-------------------|
| 2012 | Colorado Springs, CO | Waldo Canyon    | FAL1           | 1                 |
| 2012 | Salmon, ID           | Mustang Complex | FAL1           | 2                 |



| 2013 | Circleville, UT  | Middle Creek  | FAL1 | 2 |
|------|------------------|---------------|------|---|
| 2013 | Taylorsville, CA | Hough Complex | FAL1 | 2 |

# 4.3 Forestry Equipment

Following is a list of forestry equipment available to the firm:

- Dozer, Cat D3K
- Dozer, Cat D4K
- Dozer, Cat D5 LGP
- Tractor, Cat MT 465B
- 12815 15-ft Bat-wing Mower
- Bush-hog Brush Mower
- High Flow Brush Cutter
- Low Flow Brush Cutter
- Forestry Cutter SS Attachment
- Wheeled Plow, Fesco Mathis
- Dozer Transport, Hydraulic Rollback, Ledwell

In addition to this equipment, additional forestry equipment can be easily obtained by the firm through existing nationwide rental agreements with Caterpillar, Herc Rentals, United Rentals, and Express 4x4 Truck Rental.

Following are the proposed operators of this forestry equipment:

| Name           | Experience (years) | NWCG Qualifications           | Training Courses Completed                             |
|----------------|--------------------|-------------------------------|--|
|                |                    | ICT4, TFLD, STEN, STCR, ENGB, |  |
|                |                    | ENOP, FAL2, ATVO, CRWB,       |  |
|                |                    | FIRB, RXB2(T), STOP(T), ATVO, | ICS-100, ICS-200, ICS-300, ICS-400, IS-700, IS-800, L- |
| Keith Peck     | 34                 | DRIV                          | 180, S-130, S-190, D-310, D-311, D-312                 |
|                |                    | ICT5, ENGB, FIRB,CRWB(T),     | S-211, S-212, S-230, S-131, S-133, S-190, S-130, L-    |
|                |                    | RXB3, FAL2, ATVO, ICT4,       | 180, ICS-100, IS-700, S-290, S-200, M-410, S-390, S-   |
| Phillip Daw    | 16                 | RXB2, TFLD(T), CDL, DRIV      | 330  |
|                |                    | RXB2, ENGB, ICT4, FIRB, FAL2, | S-211, S-212, S-230, S-131, S-133, S-190, S-130, L-    |
|                |                    | FFT1, HEQB(T), CDL, ATVO,     | 180, ICS-100, IS-700, S-290, S-200, M-410, S-390, S-   |
| William Roller | 16                 | DRIV                          | 300, S-330, RX-310                                     |
|                |                    | FFT2, FFT1, ENGB, CRWB,       |  |
|                |                    | FAL1, ICT5, RXB3, RXB2(T),    | S-211, S-212, S-230, S-131, S-133, S-190, S-130, L-    |
| Kevin Ludlow   | 12                 | ATVO, DRIV                    | 180, ICS-100, IS-700, S-290, S-200                     |
| Roman Watson   | 8                  | FFT2, FFT1, ENGB, ICT5, RXB3, | S-211, S-212, S-230, S-131, S-133, S-190, S-130, L-    |



|                   |   | RXB2, EDRC, EDSD, IADP,       | 180, ICS-100, IS-700, S-290, S-200                    |
|-------------------|---|-------------------------------|---|
|                   |   | ACDP, FIRB, ATVO, DRIV        |   |
|                   |   | FFT2, FFT1, ICT5, FAL1,       |   |
|                   |   | CRWB(T), DRIV, ENGB(T),       | S-211, S-212, S-230, S-131, S-133, S-190, S-130, L-   |
| Mike McCoy        | 8 | FIRB(T), DRIV                 | 180, ICS-100, IS-700, S-290                           |
|                   |   | FFT2, FFT1, ICT5, FAL3,       | S-211, S-212, S-230, S-131, S-133, S-190, S-130, L-   |
| Steve Brouillette | 8 | ENGB(T), FIRB(T), DRIV        | 180, ICS-100, IS-700                                  |
|                   |   | FFT2, FAL3, FAL2, FFT1,       | S-211, S-230, S-131, USFWS Heavy Equipment            |
|                   |   | ICT5(T), ENGB, STOP(T), FIRB, | Operator, S-133, S-234, S-215, S-212, S-130, S-190,   |
| Lance Nells       | 4 | DRIV                          | L-180, ICS-100, IS-700                                |
|                   |   | FFT2, FAL3, EMTB, FFT1,       |   |
|                   |   | ICT5(T), ENGB(T), STOP(T),    | S-133, S-131, S-234, S-212, S-190, S-130, L-180, ICS- |
| David Atkins      | 4 | RXB3(T), DRIV                 | 100, IS-700, USFWS Heavy Equipment Operator           |

Chloeta equipment operators can operate all equipment listed in section 4.3.2 of the RFQ.

# 4.4 Pesticide Application

No Bid

# 4.5 Seed Drills/Application

No Bid

# 4.6 Hauling Services

No Bid

# 4.7 Ground Seeders/Spreaders

No Bid

# 4.8 Shrub and Tree Planting

No Bid

# 4.9 Controlled Fire



Chloeta is the largest private sector prescribed burn provider in the United States by both volume and capability. Below are our qualifications in the careful application of prescribed fire as a land management tool:

- Chloeta staff are experts in the areas of ignition, holding, weather and equipment operations.
   Chloeta currently has sufficient staffing resources to successfully complete the requirements for this project.
- Chloeta personnel possess extensive experience in laying out and prepping prescribed fire burn units in all fuel types found in the grasslands of the Great Plains. This includes construing fireline utilizing handline, mowed/disked line and plowed line efforts. Chloeta can provide handline, wetline, dozer line or plowed line construction services for burn units.
- Chloeta is the wildland fire suppression leader in the U.S. Our staff's owner, managers and other key employees come from the smokejumper, hotshot and helirappeller communities. These elite Type 1 resources are widely renowned nationally in the wildland firefighting community as the best of the best. No firm in America employs as many former smokejumpers, hotshots or helirappellers as Chloeta does. Additionally, many of Chloeta's prescribed burn crewmembers have experience staffing the National Type 2 Initial Attack Crew 14 run by Chloeta on the Caribou-Targhee National Forest in Idaho.
- Chloeta provides prescribed fire staffing augmentation services to customers such as the U.S. Fish & Wildlife Service, Florida Park Service, The Nature Conservancy (TNC) and the USDA Forest Service. We also complete a great deal of turnkey burning. Our staff manages over 30,000+ acres annually of burning nationally on a turnkey basis. This includes composing fire management plans and policies, identifying sensitive habitat, forming ecological site objectives, mapping, laying out burn units and creating burn rotations based on ecologically appropriate fire return intervals, composing prescribed fire burn plans, choosing the burn date(s) based on atmospheric and fuels conditions, gaining needed permits, coordinating with regulatory agencies and stakeholders, coordinating with the media including sending out press releases and conducting press conferences about burn activities, notifying adjacent landowners and conducting all burn operations safely and successfully.
- Most Chloeta employees have an educational background in a natural resources management field while all Chloeta employees receive training on fire effects monitoring. Our personnel are adept at conducting post burn first order fire effects monitoring and summarizing burn effects and outcome in technical reports after completing necessary mop-up of burn units.
- As the national leader in prescribed fire Chloeta employs a Cadre of Course Coordinators, Lead
  Instructors and Unit Instructors certified by the following entities: National Wildfire Suppression
  Association (NWSA); American Safety and Health Institute (ASHI); and the Department of



Homeland Security (DHS). These instructors are capable of providing accredited training courses in wildland fire, prescribed burning, Incident Command System (ICS), National Incident Management System (NIMS), Health and Safety areas for wildland fire personnel.

#### Following is a list of these courses.

- D-110 Expanded Dispatch Recorder
- G-130 Wildland Training (FFT2) for Structural Firefighters
- G-131 Wildland Training (FFT1) for Structural Firefighters
- L-180 Human Factors in the Wildland Fire Service
- L-280 Followership to Leadership
- RT-130 Annual Fireline Safety Refresher Training
- S-110 Basic Wildland Fire Orientation
- S-130 Firefighter Training
- S-131 Firefighter Type 1
- S-133 Look Up, Look Down, Look Around
- S-134 LCES
- S-190 Introduction to Wildland Fire Behavior
- S-200 Initial Attack Incident Commander
- S-211 Portable Pumps and Water Use
- S-212 Wildland Fire Chain Saws
- S-215 Fire Operations in the Wildland-Urban Interface (WUI)
- S-219 Firing Operations
- S-230 Single Resource Boss, Crew
- S-231 Single Resource Boss, Engine

- S-236 Single Resource Boss, Heavy Equipment
- S-270 Basic Air Operations
- S-290 Intermediate Fire Behavior
- S-300 Extended Attack Incident Commander
- S-330 Strike Team/Task Force Leader
- S-336 Tactical Decision Making in Wildland Fire
- ICS-100 Intro to ICS
- ICS-200 Basic ICS
- ICS-300 Intermediate ICS
- ICS-400 Advanced ICS
- Advanced First Aid
- Basic First Aid (BFA)
- Bloodborne Pathogens
- CPR and AED
- CPR Pro for the Professional Rescuer (CPR PRO)
- CPR, AED and Basic First Aid (COMBO)
- Emergency Medical Responder (EMR)
- Emergency Oxygen
- Wilderness First Aid
- Wilderness Emergency Care
- Wilderness EMT Upgrade



Having burned over 90,000 acres in thirteen (13) states since launching in 2009, including over 26,000 acres and 99 units in Arkansas, Chloeta is the national private sector prescribed fire leader. Utilizing the full range of available resources and technology including UAVs ("drones"), helicopters, fixed wing aircraft, dozers, tractor plows, engines, ATVs and UTVs we are a wildland and prescribed fire force multiplier for our clients. We bring the experience and firepower to get large acreage, complex units with smoke management and WUI concerns burned safely on time and under budget, every time. Our staff has responded to wildfires in twenty-seven (27) states across the U.S. since the firm was launched in 2009 as well, staffing a variety of Command, General Staff, Air Operations, Operations, Logistics and Planning positions and resources. Our staff prides itself on being the "ace in the hole" value-added service provider to meet our clients' fire management needs.

#### Prescribed Fire Approach

The staff of Chloeta is comprised nearly entirely of former career federal employees possessing advanced NWCG qualifications, educational backgrounds and professional licensure in various natural resources fields including Forestry, Rangeland Ecology and Wildlife Management. To date, Chloeta has safely and successfully planned and implemented over 90,000 acres of prescribed fire in the following states: Florida, South Carolina, Pennsylvania, Texas, Oklahoma, Arkansas, Kansas, Missouri, Nebraska, South Dakota, Illinois, Indiana, Louisiana and Minnesota. Furthermore, CHLOETA is the first and only firm in its industry to obtain a GSA Schedule 899 award for prescribed fire planning and implementation services.

In addition to being the nation's largest provider of wildland and prescribed fire training services Chloeta has the competitive advantage in prescribed fire related consulting services due to extensive experience and qualifications. Examples of these services that our staff can provide and have extensive experience in conducting include:

- Burn Unit Layout
- Burn Unit Scouting
- ➤ Fuels Data Field Collection & Analysis
- Geographic Information Services (GIS) Services
- Geographic Positioning System (GPS) Data Collection
- Advanced Fire Weather Forecasting and Analysis
- Local Fire Department Coordination/Liaison Services
- Wildland Fire Prevention & Education Presentations
- National Wildfire Coordinating Group (NWCG) Position Taskbook Administration for Florida State Parks and other Cooperator or Stakeholder Personnel, including Mentors, Qualified Evaluators, Qualified Final Evaluators and Coaches
- ➤ Initial Attack (IA) Wildfire Suppression Support
- Obtaining and Maintaining all necessary Burn Permits
- Writing and Reviewing Burn Plans to NWCG Standards
- > Smoke Modeling with the following software products: HySplit, PBPeidmont, V-Smoke
- Air Quality Monitoring and Analysis



- Fire Behavior Modeling with BEHAVE Plus software
- Provide NWCG Qualified Burn Boss and Incident Commander Support
- Qualified and Experienced Fire Effects Monitoring Personnel
- > Ecological and First Order Fire Effects Data Collection and Report Writing Post Burn

Chloeta currently conducts wildland and prescribed fire operations on a nationwide basis during all seasons of the year. This is accomplished utilizing a "total mobility concept" in committing and utilizing all resources and personnel. Our staff have conducted prescribed fires in the same spring burn season within 50 miles of the Canadian border and within 50 miles of the Mexican border, and have suppressed wildfires from the Pacific Ocean to the Atlantic Ocean. We have completed prescribed fire operations in thirteen (13) separate states and wildland fire suppression operations in over twenty-seven (27) states.

Following is a list of some of our more detailed past performance relative to prescribed fire implementation and planning:

Agency: Central Platte Natural Resources District

Contract Type: Firm-Fixed Price

Customer Contact Point: David Carr, carr@cpnrd.org

Status: Completed

Services: Chloeta provided professional NWCG Prescribed Fire Staffing Augmentation services for the

CPNRD in spring 2016.

Agency: Platte River Recovery Implementation Project Contract Type: Indefinite Delivery, Indefinite Quantity

Customer Contact Point: Tim Tunnell, (402) 219-3883, tunnellt@headwaterscorp.com

Status: Year 2 of 3

Services: Chloeta provided professional NWCG Prescribed Fire turnkey implementation services in support of the Platte River Recovery Implementation Program in 2013 and received a multi-year award to continue these services for 2016-2018.

Agency: U.S. Fish & Wildlife Service, Windom Wetland Management District

Contract Type: Labor Hours

Customer Contact Point: Eric Earhart, (507) 831-2220, ext. 15

Status: Completed

Services: Chloeta provided professional NWCG Prescribed Fire Staffing services to supplement agency burning capacity for the U.S. Fish & Wildlife Service in Minnesota via our GSA Schedule

Federal Supply Schedule (FSS).

Agency: U.S. Fish & Wildlife Service, Detroit Lakes Wetland Management District

Contract Type: Labor Hours

Customer Contact Point: Steve Schumacher, (218) 844-3410, steve\_schumacher@fws.gov



Status: Completed

Services: Chloeta provided professional NWCG Prescribed Fire Staffing services to supplement agency burning capacity for the U.S. Fish & Wildlife Service in Minnesota via our GSA Schedule Federal Supply Schedule (FSS).

Agency: U.S. Army Corps of Engineers (USACE) – Omaha District

Contract Type: Firm-Fixed Price

Customer Contact Point: Cheryl Erickson, Monica Dwyer, Aleasha Peak, Linda Filo

Status: Completed

Services: Chloeta successfully provided WUI Prescribed Fire Management services over a three year period to improve wildlife habitat and overall ecosystem health of degraded tallgrass prairie including the following: Site Burn Planning, Exotics Control, Ecological Restoration, Burn Prescription, Fireline Installation, Hand Crew, Fireline Maintenance, Burn Implementation, Brush Pile Burning, and Post Burn Monitoring.

Agency: U.S. Army Corps of Engineers (USACE) – St. Paul District

Contract Type: Firm-Fixed Price
Customer Contact Point: Jesse Onkka

Status: Completed

Services: Chloeta successfully provided WUI Prescribed Fire Management services over a three year period to improve wildlife habitat and overall ecosystem health of degraded tallgrass prairie including the following: Site Burn Planning, Exotics Control, Ecological Restoration, Burn Prescription, Fireline Installation, Hand Crew, Fireline Maintenance, Burn Implementation, Brush Pile Burning, and Post Burn Monitoring.

Agency: U.S. Army Corps of Engineers (USACE) – Louisville District

Contract Type: Firm-Fixed Price

Customer Contact Point: Randy Berry, (815) 423-6907

Status: Completed

Services: Chloeta successfully provided WUI Prescribed Fire Management services at five (5) training areas in four (4) Midwestern states for the U.S. Army 88<sup>th</sup> Regional Support Command (RSC) to control invasive species to preserve the military mission at each installation.

Agency: The Nature Conservancy, J.T. Nickel Family Nature and Wildlife Preserve

Contract Type: Firm-Fixed Price

Customer Contact Point: Jeremy Tubbs, (918) 456-7601

Status: Completed

Services: Chloeta successfully provided, over a three year period, prescribed fire management

services at the Nickel Preserve for ecological restoration and wildfire mitigation.



Agency: The Nature Conservancy, Pontotoc Ridge Preserve

Contract Type: Firm-Fixed Price

Customer Contact Point: Jona Tucker, (580) 777-2224

Status: Completed

Services: Chloeta successfully provided, over a four year period, prescribed fire management services

at the Pontotoc Ridge Preserve for ecological restoration and wildfire mitigation.

Agency: City of Fayetteville, Parks and Recreation

Contract Type: Firm-Fixed Price

Customer Contact Point: Byron Humphry, (479) 575-8368

Status: Year 6 of 8

Services: CHLOETA successfully provided, over a six year period, WUI Prescribed Fire Management services to improve wildlife habitat and overall ecosystem health in an ongoing prairie restoration program at Lake Fayetteville. Chloeta has burned at Lake Fayetteville Prairie every year but one since 2010 and is currently in year 2 of 3 of a multi-year contract.

Agency: Ozark Ecological Restoration | Arkansas Natural Heritage Commission

Contract Type: Firm-Fixed Price Contract Number: OK-CFI-015023

Customer Contact Point: Joe Woolbright, (479) 427-4277, oeri@cox-internet.com

Status: Completed

Services: Chloeta successfully provided WUI Prescribed Fire Management services to improve wildlife habitat and overall ecosystem health at the Searles Prairie Natural Area in Rogers, AR. The burn unit was located in a heavily populated area in Northwest Arkansas, and was located immediately adjacent to businesses, a major highway, and a senior retirement home.

Agency: DOD U.S. Army Reserve Command/Integrated Environmental Solutions, LLC (IES)

Contract Type: Firm-Fixed Price

Customer Contact Point: Rae Lynn Schneider (IES), (972) 562-7672

Status: Completed

Services: Chloeta successfully provided Wildland-Urban Interface (WUI) Prescribed Fire Management Services for the U.S. Army under a subcontract with Dallas-based IES to improve wildlife habitat and overall ecosystem health by accomplishing ecological restoration and exotics control through prescribed fire application. These services include: Site Burn Planning, Burn Prescription, Fireline Installation, Hand Crew, Fire Line Maintenance, Burn Implementation, Exotics Control, Ecological Restoration, and Post Burn Monitoring. CHLOETA adeptly completed this complex prescribed fire project under less than desirably burning conditions while mitigating smoke impacts to surrounding populations. The burn unit was within a heavily populated area in the Dallas-Ft. Worth Metroplex.

Agency: Arkansas Natural Heritage Commission

Contract Type: Firm-Fixed Price



Contract Number: SP-10-0300a

Customer Contact Point: Brian Mitchell, brian.mitchell@naturalheritage.org

Status: Year 7 of 7

Services: Chloeta successfully provided WUI Prescribed Fire Management services to improve wildlife habitat and overall ecosystem health including the following: Site Burn Planning, Exotics Control, Ecological Restoration, Burn Prescription, Fireline Installation, Hand Crew, Fireline Maintenance, Burn Implementation, Brush Pile Burning, and Post Burn Monitoring.

Agency: Fort Chaffee Joint Maneuver Training Center

Contract Type: Firm-Fixed Price Contract Number: SP-12-0064

Customer Contact Point: longleaf99@gmail.com

Status: Year 6 of 7

Services: CHLOETA successfully provided WUI Prescribed Fire Management services to improve wildlife habitat and overall ecosystem health including the following: Site Burn Planning, Exotics Control, Ecological Restoration, Burn Prescription, Fireline Installation, Hand Crew, Fireline Maintenance, Burn Implementation, Brush Pile Burning, and Post Burn Monitoring.

Agency: Florida Department of Environmental Protection

Contract Type: Labor Hours
Contract Number: RP765

Customer Contact Point: Mike Melnechuk, (501) 804-6242, mike.k.melnechuk@dep.state.fl.us

Status: Year 1 of 5

Services: Chloeta currently provides five (5) person prescribed burn crews to augment agency

staffing within the Florida Department of Environmental Protection.

Agency: Florida Department of Environmental Protection | Forestech Consulting (F4 Tech)

Contract Type: Firm-Fixed Price
Contract Number: OK-CFI-160357

Customer Contact Point: Mike Melnechuk, (501) 804-6242, mike.k.melnechuk@dep.state.fl.us

Status: In Progress

Services: Chloeta is conducting turnkey prescribed fire services over 16,000+ acres at five (5) parks

for the Florida Department of Environmental Protection.

Agency: Oklahoma State University Contract Type: Firm-Fixed Price Contract Number: OSU-14550-JAB

Customer Contact Point: Sam McFee, sam.mcfee@okstate.edu

Status: In Progress

Services: Chloeta has been contracted to provide WUI Prescribed Fire Management services to reduce the threat of catastrophic wildfire at multiple burn units surrounding Lake Carl Blackwell.



Additionally, Chloeta is providing at no charge an outdoor laboratory in support of the unmanned aerial systems (UAS) program at OSU in support of UAS applications in fire and emergency settings.

Agency: University of Oklahoma | Sutton Avian Research Center

Contract Type: Firm-Fixed Price
Contract Number: OK-CFI-013065

Customer Contact Point: Steve Sherrod, (918) 336-7778, sksherrod@ou.edu

Status: Completed

Services: Chloeta provided turnkey prescribed fire planning and implementation services at the George Sutton Avian Research Center in order to mitigate the risk of a catastrophic wildfire

damaging the research center.

Agency: U.S. Air Force Wildland Fire Center | U.S. Army Corps of Engineers (USACE) Omaha District

Contract Type: Labor Hours

Contract Number: W9128F-16-D-0052-0002

Customer Contact Point: Luke Walsh, (402) 995-2750, lucas.v.walsh@usace.army.mil

Status: In Progress

Services: Chloeta is currently developing wildland fire management plans (WFMPs) for thirty-five

(35) Air Force installations nationwide.

Agency: U.S. Department of Defense, Department of the Army/Production Air Services, Inc.

Contract Type: Labor Hours

Customer Contact Point: Cathy Crocker, cathy@pas1.biz

Status: Completed

Services: Chloeta successfully provided NWCG qualified support personnel during aerial ignition

operations on 15,000 acres at Fort Polk, LA.

Agency: U.S. Department of Defense, Department of the Navy

Contract Type: Firm-Fixed Price

Customer Contact Point: Jeremy Adams, jeremy.adams2@navy.mil

Status: Completed

Services: Chloeta successfully provided WUI Prescribed Fire Management services to reduce invasive

species and enhance the military mission at Naval Air Station Kingsville in Texas.

Agency: USDA Forest Service - Southern Region, R8

Contract Type: IDIQ Status: Completed

Customer Contact Point: Randy Nichols, nicman26@msn.com

Services: Chloeta provided the U.S. Forest Service with highly qualified wildland firefighting engine crews (apparatus and personnel) to respond across the nation to all-risk, severity, and wildland fire

incidents across the Southeastern United States.



Agency: USDA Forest Service – National Forests and Grasslands in Texas

Contract Type: IDIQ Status: Year 4 of 4

Customer Contact Point: Scott Fry, sfry@fs.fed.us

Services: Chloeta has been awarded a contract for Prescribed Fire services on the Caddo and LBJ National Grasslands in Texas to augment agency resources during prescribed burns and wildfire

incidents on the grasslands.

Below are the National Wildfire Coordinating Group (NWCG) qualifications of some of our key prescribed fire personnel.

| Name           | Experience (years) | NWCG Qualifications           | Training Courses Completed                             |
|----------------|--------------------|-------------------------------|--|
|                |                    | SOF2, ICT3, DIVS, TFLD, STCR, | S-520, ICS-300, ICS-400, ICS-200, ICS-100, IS-700, IS- |
|                |                    | ENGB, CRWB, ATVO, RXB3,       | 800, S-300, S-390, S-420, S-339, S-215, S-330, S-230,  |
|                |                    | FIRB, RXB2, FAL3, ICT3,       | S-290, S-131, S-133, S-130, S-190, L-180, S-211, S-    |
| Tim Stanton    | 36                 | RXB1(T)                       | 212, S-234, S-260, M-410, S-200, S-300, S-290          |
|                |                    |                               | ICS-100, ICS-200, ICS-300, ICS-400, IS-700, IS-800, L- |
| James Brigance | 35                 | ATGS, SOF2, HRSP, SEMG        | 180, S-130, S-190, D-310, D-311, D-312                 |
|                |                    | ICT4, TFLD, STEN, STCR, ENGB, |  |
|                |                    | ENOP, FAL2, ATVO, CRWB,       |  |
|                |                    | FIRB, RXB2(T), STOP(T), ATVO, | ICS-100, ICS-200, ICS-300, ICS-400, IS-700, IS-800, L- |
| Keith Peck     | 34                 | DRIV                          | 180, S-130, S-190, D-310, D-311, D-312                 |
|                |                    |                               | A-101, A-105, A-113, A-219, FI-110, FI-210, ICS-100,   |
|                |                    |                               | ICS-200, ISC-300, ICS-400, IS-700, IS-800, L-180, L-   |
|                |                    |                               | 280, L-380, L-580, M-410, M-581, N9019, N9025,         |
|                |                    |                               | NIQCS, RX-300, RX-310, RX-341, RX-410, S-130, S-       |
|                |                    |                               | 131, S-133, S-190, S-200, S-201, S-211, S-212, S-230,  |
|                |                    |                               | S-234, S-260, S-270, S-271, S-281, S-290, S-300, S-    |
|                |                    |                               | 330, S-336, S-339, S-378, S-390, S-420, S-430, S-490,  |
| Mark Morales   | 29                 | ICT1, ICT2, OSC1, OSC2        | S-491, S-520   |
|                |                    |                               | ICS-300, ICS-400, ICS-200, ICS-100, IS-700, IS-800, S- |
|                |                    |                               | 300, S-390, S-215, S-330, S-230, S-290, S-131, S-133,  |
|                |                    | ICT3, RXB2, TFLD, FAL2, ENGB, | S-130, S-190, L-180, S-211, S-212, S-234, S-260, M-    |
| Paul Cano      | 25                 | CRWB, FIRB                    | 410, S-200, S-300, S-390                               |
|                |                    | CORD, EDSP, EDSD, EDRC,       | ICS-100, ICS-200, ICS-300, ICS-400, IS-700, IS-800, L- |
| Randy Nichols  | 25                 | IADP, ACDP                    | 180, S-130, S-190, D-310, D-311, D-312                 |
|                |                    | ICT5(T), FFT1, FFT2, FAL2,    | S-211, S-212, S-230, S-131, S-133, S-190, S-130, L-    |
| Jacob Whitlock | 16                 | ENGB, DRIV                    | 180, ICS-100, IS-700, S-290, S-200                     |
|                |                    | ICT5, ENGB, FIRB,CRWB(T),     | S-211, S-212, S-230, S-131, S-133, S-190, S-130, L-    |
|                |                    | RXB3, FAL2, ATVO, ICT4,       | 180, ICS-100, IS-700, S-290, S-200, M-410, S-390, S-   |
| Phillip Daw    | 16                 | RXB2, TFLD(T), CDL, DRIV      | 330  |



| 1                 |    | RXB2, ENGB, ICT4, FIRB, FAL2,   | S-211, S-212, S-230, S-131, S-133, S-190, S-130, L-    |
|-------------------|----|---------------------------------|--|
|                   |    | FFT1, HEQB(T), CDL, ATVO,       | 180, ICS-100, IS-700, S-290, S-200, M-410, S-390, S-   |
| William Roller    | 16 | DRIV                            | 300, S-330, RX-310                                     |
| Carl Carlson      | 15 | FFT2, DRIV, FFT1, ICT5          | ENOP, S-131, S-133, S-190, S-130, L-180, ICS-100       |
|                   |    | FFT2, FFT1, ENGB, CRWB,         |  |
|                   |    | FAL1, ICT5, RXB3, RXB2(T),      | S-211, S-212, S-230, S-131, S-133, S-190, S-130, L-    |
| Kevin Ludlow      | 12 | ATVO, DRIV                      | 180, ICS-100, IS-700, S-290, S-200                     |
|                   |    | ·                               | S-211, S-212, S-230, S-131, S-133, S-190, S-130, L-    |
| Chris Kopek       | 9  | FEMO, FFT1                      | 180, ICS-100, IS-700, S-290                            |
|                   |    | FFT2, FFT1, ENGB, ICT5, RXB3,   |  |
|                   |    | RXB2, EDRC, EDSD, IADP,         | S-211, S-212, S-230, S-131, S-133, S-190, S-130, L-    |
| Roman Watson      | 8  | ACDP, FIRB, ATVO, DRIV          | 180, ICS-100, IS-700, S-290, S-200                     |
|                   |    | FFT2, FFT1, ICT5, FAL1,         |  |
|                   |    | CRWB(T), DRIV, ENGB(T),         | S-211, S-212, S-230, S-131, S-133, S-190, S-130, L-    |
| Mike McCoy        | 8  | FIRB(T), DRIV                   | 180, ICS-100, IS-700, S-290                            |
|                   |    | FFT2, FFT1, ICT5, FAL3,         | S-211, S-212, S-230, S-131, S-133, S-190, S-130, L-    |
| Steve Brouillette | 8  | ENGB(T), FIRB(T), DRIV          | 180, ICS-100, IS-700                                   |
|                   |    | FFT2, DRIV, FAL3, FAL2(T),      | S-131, S-133, S-211, S-212, S-130, S-190, L-180, ICS-  |
| Jake Rieken       | 8  | ICT5(T), FFT1(T)                | 100, IS-700  |
|                   |    | FFT2, FFT1, DRIV, FAL2, ICT5,   | S-211, S-230, S-131, S-133, S-234, S-215, S-212, S-    |
| Tim Stygar        | 6  | ENGB(T), FIRB(T), FELB(T)       | 130, S-190, L-180, ICS-100, IS-700                     |
|                   |    | ENGB(T), FIRB(T), FFT1, ICT5,   | S-211, S-230, S-131, S-133, S-234, S-215, S-212, S-    |
| Bobby Locklear    | 6  | HRAP, HECM, FAL2                | 130, S-190, L-180, ICS-100, IS-700, S-271, S-270       |
|                   |    | FFT2, FAL3, FAL2, FFT1,         | S-211, S-230, S-131, USFWS Heavy Equipment             |
|                   |    | ICT5(T), ENGB, STOP(T), FIRB,   | Operator, S-133, S-234, S-215, S-212, S-130, S-190,    |
| Lance Nells       | 4  | DRIV                            | L-180, ICS-100, IS-700                                 |
|                   |    | FFT2, FAL3, DRIV, FFT1(T),      |  |
| Tommy Machowicz   | 3  | ICT5(T)                         | ICS-100, IS-700, L-180, S-130, S-190, S-211, S-270     |
| Jacob Moffett     | 4  | FFT2, FFT1(T), ICT5(T), DRIV    | S-211, S-133, S-131, S-190, S-130, L-180, ICS-100      |
|                   |    | FFT2, FAL3, EMTB, FFT1,         |  |
|                   |    | ICT5(T), ENGB(T), STOP(T),      | S-133, S-131, S-234, S-212, S-190, S-130, L-180, ICS-  |
| David Atkins      | 4  | RXB3(T), DRIV                   | 100, IS-700, USFWS Heavy Equipment Operator            |
|                   |    | FFT1(T), ICT5(T), EMTB, FFT2,   |  |
| Jacob Teehee      | 4  | FAL3                            | S-130, S-190, ICS-100, L-180, S-212, EMTB              |
|                   |    |                                 | A-110, A-113, A-219, I-100, ICS-200, IS-700, L-180, L- |
|                   |    | HECM, FFT2, FFT1(T), ICT5(T),   | 280, S-130, S-131, S-133, S-190, S-211, S-212, S-215,  |
| Stephen Anderson  | 4  | FAL2                            | S-234, S-270, S-271                                    |
| Sanders Mouse     | 3  | FFT2, FAL3, ICT5(T), FFT1(T)    | S-133, S-211, S-130, S-190, ICS-100, L-180, S-212      |
| Sampson Mouse     | 3  | FFT2, FAL3, ICT5(T), FFT1(T)    | S-133, S-211, S-130, S-190, ICS-100, L-180, S-212      |
|                   | _  |                                 | S-211, S-131, S-133, S-234, S-212, S-190, S-130, ICS-  |
| Lewis Blackfox    | 3  | FFT2, FAL3(T), FFT1(T), ICT5(T) | 100, L-180, WFA  |
| John Tyer         | 2  | FFT2, DRIV, FAL3(T)             | S-130, S-190, ICS-100, L-180, WFA, S-212               |
| Steuart Hensleigh | 2  | FFT2, FAL3(T)                   | S-133, S-212, S-130, S-190, ICS-100, L-180             |
| Roman Cosar       | 1  | FFT2, DRIV, FAL3(T)             | S-130, S-190, ICS-100, L-180, WFA, S-212               |



# **Equipment Inventory**

Following is a list of the available large equipment for prescribed burning.

| Vehicle ID | Description   | Year | Make        | Model         | Color  | Own/Lease |
|------------|---|------|-------------|---------------|--------|-----------|
| CH1300     | NWCG Command Vehicle  | 2015 | Ram         | 2500          | White  | Own       |
| DV1310     | NWCG Type 7 Engine  | 2016 | Ram         | 2500          | White  | Own       |
| SUPT 1420  | NWCG Type 6 Engine  | 2015 | Ram         | 2500          | White  | Own       |
| E1361      | NWCG Type 6 Engine  | 2015 | Ram         | 5500          | White  | Own       |
| E1362      | NWCG Type 6 Engine  | 2016 | Ram         | 3500          | White  | Lease     |
| E1363      | NWCG Type 6 Engine  | 2016 | Ram         | 3500          | White  | Lease     |
| E1364      | NWCG Type 6 Engine  | 2017 | Ram         | 3500          | White  | Lease     |
| E1365      | NWCG Type 6 Engine  | 2017 | Ram         | 3500          | White  | Lease     |
| E1370      | NWCG Type 7 Engine  | 2016 | Ram         | 2500          | White  | Lease     |
| CH1301     | NWCG Type 7 Engine  | 2016 | Ram         | 2500          | White  | Lease     |
| BC1302     | NWCG Type 7 Engine  | 2016 | Ram         | 2500          | White  | Lease     |
| BC1303     | NWCG Type 7 Engine  | 2016 | Ram         | 2500          | White  | Lease     |
| UTV1393    | NWCG Utility Task Vehicle with Type 7 Slip On                     | 2016 | Kubota      | Diesel        | Orange | Lease     |
| UTV1394    | NWCG Utility Task Vehicle with Type 7 Slip On                     | 2016 | Honda       | Pioneer       | Red    | Own       |
| ATV1399    | NWCG All-Terrain Vehicle Mounted ATV Drip Torch and Water Sprayer | 2011 | Honda       | Rancher       | Red    | Own       |
| ATV1398    | NWCG All-Terrain Vehicle Mounted ATV Drip Torch and Water Sprayer | 2015 | Honda       | Rancher       | Red    | Own       |
| TR1399     | Utility Trailer   | N/A  | N/A         | N/A           | Black  | Own       |
| TR1398     | Utility Trailer   | N/A  | N/A         | N/A           | Black  | Own       |
| TR1397     | Utility Trailer   | N/A  | N/A         | N/A           | Black  | Own       |
| 904BA      | NWCG Type 3 Helicopter with PSD Aerial Ignition & Bucket          | N/A  | Bell        | 206B-3        | White  | Lease     |
| 39FX       | NWCG Type 3 Helicopter with PSD Aerial Ignition & Bucket          | N/A  | Eurcopter   | AS-350-<br>B3 | White  | Lease     |
| СР         | NWCG Type 3 Helicopter with PSD Aerial<br>Ignition & Bucket       | N/A  | Bell        | 206L-4        | White  | Lease     |
| DZ1330     | NWCG Type 3 Dozer   | 2015 | Caterpillar | D3K           | Yellow | Lease     |
| DZ1331     | NWCG Type 3 Dozer   | 2015 | Caterpillar | D4K           | Yellow | Lease     |
| DZ1332     | NWCG Type 3 Dozer   | 2015 | Caterpillar | D5 LGP        | Yellow | Lease     |

# Gear Available for Use

| QUANTITY | UNIT | DESCRIPTION  | Own/Lease |
|----------|------|--|-----------|
| 1650     | FT   | 0.75 IN HOSE, w/ ALL NECESSARY FITTINGS, ADAPTERS, AND NOZZLES | Own       |
| 75       | EA   | 0.75 IN NOZZLE   | Own       |
| 1600     | FT   | 1 IN HARDLINE BOOSTER HOSE                                     | Own       |



| 3200 | FT          | 1 IN HOSE, w/ ALL NECESSARY FITTINGS, ADAPTERS, AND NOZZLES   | Own |
|------|-------------|---|-----|
| 5    | EA          | 1 IN NPSH TO 1 IN NH ADAPTER                                  | Own |
| 5500 | FT          | 1.5 IN HOSE, w/ ALL NECESSARY FITTINGS, ADAPTERS, AND NOZZLES | Own |
| 10   | EA          | 2.5 IN TO 1.5 IN ADAPTER                                      | Own |
| 20   | EA          | ADAPTER, 1 IN NPSH FEMALE TO FEMALE                           | Own |
| 10   | EA          | ADAPTER, 1 IN NPSH MALE TO MALE                               | Own |
| 10   | EA          | ADAPTER, 1 IN NPSH TO 1 IN NH                                 | Own |
| 20   | EA          | ADAPTER, 1.5 IN NH FEMALE TO 1.5 IN NPSH MALE                 | Own |
| 20   | EA          | ADAPTER, 1.5 IN NPSH FEMALE TO 1.5 IN NH MALE                 | Own |
| 10   | EA          | ADAPTER, 1.5 IN TO 0.75 IN                                    | Own |
| 10   | EA          | BACKPACK LEAF BLOWER  | Own |
| 15   | EA          | BACKPACK PUMPS, 5 GAL   | Own |
| 42   | EA          | BENDIX KING HANDHELD RADIO                                    | Own |
| 13   | EA          | BENDIX KING MOBILE VEHICLE RADIO                              | Own |
| 7    | EA          | BENDIX KING RADIO BATTERY CHARGER                             | Own |
| 67   | EA          | BENDIX KING RADIO BATTERY CLAMSHELL                           | Own |
| 120  | EA          | BROWPAD, HELMET   | Own |
| 6    | EA          | BRUSH JACKET LINER  | Own |
| 12   | EA          | CAUTION: SMOKE AHEAD ROAD SIGNS                               | Own |
| 17   | EA          | CHAINSAW  | Own |
| 19   | EA          | CHAINSAW KIT  | Own |
| 110  | EA          | CHINSTRAP, HELMET   | Own |
| 22   | EA          | DOUBLE FEMALE 1.5 IN NH                                       |     |
| 20   | <del></del> |   | Own |
|      | EA          | DOUBLE MALE 1.5 IN NH   | Own |
| 44   | EA          | DRIP TORCH  | Own |
| 20   | EA          | EJECTOR, 1 IN   | Own |
| 26   | EA          | EXTERNAL SPEAKER WITH BRACKET                                 | Own |
| 39   | EA          | FIRE SHELTER  | Own |
| 87   | EA          | FIRE SHELTER, NEW GENERATION                                  | Own |
| 40   | EA          | GATED WYE, 0.75   | Own |
| 20   | EA          | GATED WYE, 1 IN   | Own |
| 40   | EA          | GATED WYE, 1.5 IN   | Own |
| 92   | EA          | HELMET, COMPLETE WITH LINER                                   | Own |
| 10   | EA          | HOSECLAMP, FORESTRY   | Own |
| 82   | EA          | INDIVIDUAL PERSONAL PROTECTIVE EQUIPMENT (PPE), SET           | Own |
| 69   | EA          | LINE GEAR WITH PACK   | Own |
| 8    | EA          | MOP-UP WAND   | Own |
| 20   | EA          | NOZZLE, 1 IN BARREL   | Own |
| 40   | EA          | NOZZLE, 1 IN COMBINATION FORESTER                             | Own |
| 44   | EA          | NOZZLE, 1.5 IN BARREL   | Own |
| 60   | EA          | NOZZLE, 1.5 IN FOG  | Own |
| 7    | EA          | NWCG TYPE 6 WILDLAND FIREFIGHTING SLIP-ON UNIT, 200 GAL       | Own |
| 5    | EA          | NWCG TYPE 7 WILDLAND FIREFIGHTING SLIP-ON UNIT, 75 GAL        | Own |
| 40   | EA          | REDUCER, 1.5 IN TO 1 IN                                       | Own |
| 68   | EA          | SHUTOFF VALVE, 0.75 IN  | Own |
| 40   | EA          | SHUTOFF VALVE, 1.5 IN NPSH                                    | Own |
| 24   | EA          | WRENCH, FIRE HYDRANT  | Own |
| 10   | EA          | COMBINATION FIREFIGHTING TOOL                                 | Own |
| 32   | EA          | COUNCIL FIRE RAKE   | Own |



|                      | RFQ 3238                  |
|----------------------|---------------------------|
| Fire Fuels Reduction | & Vegetation Mgt Services |

State of Nevada

| 18 | EA | FIRE GEL, 5-GAL PAIL      | Own |
|----|----|---------------------------|-----|
| 19 | EA | FIREFIGHTING SHOVEL       | Own |
| 22 | EA | FOAM, CLASS A, 5-GAL PAIL | Own |
| 41 | EA | FUEL CONTAINER, 1-GAL     | Own |
| 26 | EA | FUEL CONTAINER, 2.5-GAL   | Own |
| 13 | EA | GRASS FLAPPER             | Own |
| 29 | EA | HARNESS, HANDHELD RADIO   | Own |
| 12 | EA | McCLEOD                   | Own |
| 13 | EA | PULASKI                   | Own |
| 60 | EA | TENT                      | Own |

# 4.10 Road Construction/Maintenance/Rehabilitation

No Bid

# 4.11 Additional Requirements

Chloeta acknowledges all additional requirements listed in section 4.11 and will follow these requirements. Cleaning of invasive weeds from vehicles is a requirement the company is quite familiar with, as Chloeta maintains a contract with the USDA Forest Service to staff Chloeta-provided weed washing units at wildland fire incidents throughout the Great Basin each summer.

Please see below for a complete listing of previous fire fuels and vegetation management efforts by the firm:

| Type<br>of<br>Cust | Internal Contract<br>Number | Contract Name                | Customer                                 | Service                   |
|--------------------|-----------------------------|------------------------------|--|---------------------------|
| PRI                | OK-CFI-009003               | Stout Farm Rx                | Private<br>Landowner                     | Prescribed Burn           |
| PRI                | OK-CFI-009004               | Wyant Sanctuary              | Private<br>Landowner                     | Prescribed Burn           |
| ST                 | OK-CFI-009015               | Nevada Fuels IDIQ            | State of Nevada                          | Hazardous Fuels Reduction |
| FED                | OK-CFI-009016               | DOI Fuels IDIQ               | USDI                                     | Hazardous Fuels Reduction |
| FED                | OK-CFI-009017               | USARC Seagoville Rx          | Integrated<br>Environmental<br>Solutions | Prescribed Burn           |
| PRI                | OK-CFI-009028               | Anderson Rx                  | Private<br>Landowner                     | Prescribed Burn           |
| FED                | OK-CFI-010001               | Wildland Fire Training       | USDoD Air Force                          | Training                  |
| FED                | OK-CFI-010003               | VIPR R8 Water Handling IBPA  | USDA FS                                  | Wildfire Suppression      |
| NGO                | OK-CFI-010005               | Noble Foundation Rx          | Noble<br>Foundation                      | Prescribed Burn           |
| MUNI               | OK-CFI-010014               | Lake Fayetteville Complex Rx | City of                                  | Prescribed Burn           |



|      |               |   | Fayetteville                               |                           |
|------|---------------|---|--|---------------------------|
| NGO  | OK-CFI-010014 | Pontotoc Ridge Cross Timbers                | TNC  | Prescribed Burn           |
| PRI  | OK-CFI-010016 | Rogers Rx                                   | Private<br>Landowner                       | Prescribed Burn           |
| ST   | OK-CFI-010023 | Misc. Stewardship Services                  | Arkansas Natural<br>Heritage<br>Commission | Prescribed Burn           |
| MUNI | OK-CFI-010039 | Woolsey Wet Prairie                         | City of<br>Fayetteville                    | Prescribed Burn           |
| FED  | OK-CFI-010049 | Texas Grasslands Mechanical<br>Treatments   | USDA FS                                    | Forestry                  |
| FED  | OK-CFI-010054 | VIPR R2/R4 Faller Module<br>IBPA            | USDA FS                                    | Wildfire Suppression      |
| FED  | OK-CFI-010055 | VIPR R3 Tents IBPA                          | USDA FS                                    | Wildfire Suppression      |
| PRI  | OK-CFI-010058 | Hesse                                       | Private<br>Landowner                       | Prescribed Burn           |
| FED  | OK-CFI-010062 | VIPR R2 Tents IBPA                          | USDA FS                                    | Wildfire Suppression      |
| NGO  | OK-CFI-011011 | Noble Foundation Rx                         | Noble<br>Foundation                        | Prescribed Burn           |
| PRI  | OK-CFI-011023 | Acre Rx                                     | Private<br>Landowner                       | Prescribed Burn           |
| PRI  | OK-CFI-011038 | Anderson Rx                                 | Private<br>Landowner                       | Prescribed Burn           |
| FED  | OK-CFI-011039 | National Training Center<br>Instructor BPA  | USDI BLM                                   | Training                  |
| FED  | OK-CFI-011042 | Timber Stand Improvement BOA                | USDA FS                                    | Forestry                  |
| ST   | OK-CFI-011059 | Public Safety Center Instructor<br>Services | State of Georgia                           | Training                  |
| ST   | OK-CFI-011071 | Chesney Prairie Rx                          | Ozark Ecological Restoration, Inc.         | Prescribed Burn           |
| PRI  | OK-CFI-011087 | Row Rx                                      | Private<br>Landowner                       | Prescribed Burn           |
| PRI  | OK-CFI-011125 | Girl Scouts Rx                              | Private<br>Landowner                       | Prescribed Burn           |
| PRI  | OK-CFI-011129 | Hovis Rx                                    | Private<br>Landowner                       | Prescribed Burn           |
| MUNI | OK-CFI-011133 | Woolsey Wet Prairie Rx                      | City of<br>Fayetteville                    | Prescribed Burn           |
| PRI  | OK-CFI-011135 | Goff Rx                                     | Ozark Ecological Restoration, Inc.         | Prescribed Burn           |
| FED  | OK-CFI-011138 | Fort Randall                                | USACE                                      | Prescribed Burn           |
| PRI  | OK-CFI-011140 | Barzso Rx                                   | Private<br>Landowner                       | Prescribed Burn           |
| PRI  | OK-CFI-011144 | Jordan Rx                                   | Private<br>Landowner                       | Prescribed Burn           |
| FED  | OK-CFI-011150 | HOSP Fuels Project                          | USDI NPS                                   | Hazardous Fuels Reduction |
| PRI  | OK-CFI-011152 | Pershing Rx                                 | Private<br>Landowner                       | Prescribed Burn           |



| ST   | OK-CFI-011153 | Fort Chaffee Rx                             | Arkansas<br>Military<br>Department          | Prescribed Burn      |
|------|---------------|---|---|----------------------|
| PRI  | OK-CFI-011157 | Duberstein Rx                               | Private<br>Landowner                        | Prescribed Burn      |
| FED  | OK-CFI-011166 | VIPR R2/R4 ATVs                             | USDA FS                                     | Wildfire Suppression |
| FED  | OK-CFI-011167 | VIPR R2/R4 Vehicle w/Driver<br>IBPA         | USDA FS                                     | Wildfire Suppression |
| MUNI | OK-CFI-012001 | Lake Fayetteville Complex Rx                | City of<br>Fayetteville                     | Prescribed Burn      |
| PRI  | OK-CFI-012017 | Eagle Sky Rx                                | Private<br>Landowner                        | Prescribed Burn      |
| PRI  | OK-CFI-012025 | Corse Rx                                    | Private<br>Landowner                        | Prescribed Burn      |
| ST   | OK-CFI-012028 | Lake Carl Blackwell Rx                      | Oklahoma State<br>University                | Prescribed Burn      |
| PRI  | OK-CFI-012030 | Harkness Rx                                 | Private<br>Landowner                        | Prescribed Burn      |
| FED  | OK-CFI-012033 | VIPR R8 Heavy Equipment<br>IBPA             | USDA FS                                     | Wildfire Suppression |
| PRI  | OK-CFI-012034 | Logan Farm Rx                               | Ozark Ecological Restoration, Inc.          | Prescribed Burn      |
| FED  | OK-CFI-012050 | Caddo/LBJ Rx Burning                        | USDA FS                                     | Prescribed Burn      |
| FED  | OK-CFI-012071 | MATOC for Professional<br>Forestry Services | USDA FS                                     | Forestry             |
| PRI  | OK-CFI-012087 | Schendel FY12 Rx                            | Private<br>Landowner                        | Prescribed Burn      |
| FED  | OK-CFI-012090 | Heavy Equipment EERA                        | USDI FWS                                    | Wildfire Suppression |
| FED  | OK-CFI-012098 | VIPR R2/R4 Weed Washing<br>Unit IBPA        | USDA FS                                     | Wildfire Suppression |
| ST   | OK-CFI-012102 | PPE Training                                | Oklahoma<br>Department of<br>Transportation | Training             |
| NGO  | OK-CFI-012111 | Four Canyon Floodplain Unit<br>Rx           | TNC   | Prescribed Burn      |
| FED  | OK-CFI-013006 | VIPR R2/R4 Water Handling<br>IBPA           | USDA FS                                     | Wildfire Suppression |
| FED  | OK-CFI-013007 | VIPR R3 Water Handling IBPA                 | USDA FS                                     | Wildfire Suppression |
| FED  | OK-CFI-013016 | PBSC for Vegetation<br>Management           | USDA FS                                     | Forestry             |
| FED  | OK-CFI-013018 | Non-Native Species Removal                  | USDA FS                                     | Forestry             |
| MUNI | OK-CFI-013023 | Lake Fayetteville Complex Rx                | City of<br>Fayetteville                     | Prescribed Burn      |
| FED  | OK-CFI-013042 | Gavin's Point Rx                            | USACE                                       | Prescribed Burn      |
| PRI  | OK-CFI-013044 | Heinzelmann Rx                              | Ozark Ecological<br>Restoration, Inc.       | Prescribed Burn      |
| NGO  | OK-CFI-013065 | Sutton Complex Rx                           | University of Oklahoma                      | Prescribed Burn      |
| NGO  | OK-CFI-013072 | PRRIP Complex Rx                            | Headwaters                                  | Prescribed Burn      |



| 1 1  |               |  | Corporation                           |                      |
|------|---------------|--|---------------------------------------|----------------------|
|      |               |  | Montana                               |                      |
| NGO  | OK-CFI-013103 | MCC Wildland Fire Training                                       | Conservation                          | Training             |
|      |               |  | Corps                                 | <u> </u>             |
| NGO  | OK-CFI-013103 | Mid-South Wildland Fire<br>Academy 2013                          | Multiple                              | Training             |
| FED  | OK-CFI-013105 | FEMA Day Laborers  | USDHS FEMA                            | Wildfire Suppression |
| FED  | OK-CFI-013113 | West Newton Prairie Rx   | USACE                                 | Prescribed Burn      |
| PRI  | OK-CFI-013159 | Firestorm Staffing   | Firestorm WFS,<br>Inc.                | Wildfire Suppression |
| PRI  | OK-CFI-014006 | ABBCB Unit C Rx  | Private<br>Landowner                  | Prescribed Burn      |
| PRI  | OK-CFI-014038 | Bunch Rx   | Private<br>Landowner                  | Prescribed Burn      |
| PRI  | OK-CFI-014051 | Schendel FY14 Rx   | Private<br>Landowner                  | Prescribed Burn      |
| ST   | OK-CFI-014057 | Wildland Fire Training for<br>Local Heavy Equipment<br>Operators | Oklahoma State<br>University          | Training             |
| FED  | OK-CFI-014061 | Gavin's Point Complex Rx   | USACE                                 | Prescribed Burn      |
| MUNI | OK-CFI-014072 | Lake Fayetteville Complex Rx                                     | City of<br>Fayetteville               | Prescribed Burn      |
| FED  | OK-CFI-014079 | VIPR R3 Tents IBPA   | USDA FS                               | Wildfire Suppression |
| FED  | OK-CFI-014081 | VIPR R2/R4 Faller Module<br>IBPA                                 | USDA FS                               | Wildfire Suppression |
| PRI  | OK-CFI-014082 | Sherrod Rx   | Private<br>Landowner                  | Prescribed Burn      |
| TRI  | OK-CFI-014115 | Comanche Nation Training and Consulting                          | Comanche<br>Nation                    | Training             |
| FED  | OK-CFI-014118 | Mobile Retardant Base<br>Staffing                                | GelTech<br>Solutions, Inc.            | Wildfire Suppression |
| PRI  | OK-CFI-014119 | Hoffman v. Fleitz Expert<br>Witness                              | Hite, Fanning, &<br>Honeyman LLP      | Consulting           |
| NGO  | OK-CFI-014128 | Mid-South Wildland Fire<br>Academy 2014                          | Multiple                              | Training             |
| FED  | OK-CFI-014130 | VIPR R8 Heavy Equipment<br>IBPA                                  | USDA FS                               | Wildfire Suppression |
| PRI  | OK-CFI-014141 | WDS Private Asset Protection                                     | Wildfire Defense<br>Systems           | Wildfire Suppression |
| ST   | OK-CFI-014150 | Maryland DNR Slip-On Unit  | Maryland DNR                          | Manufacturing        |
| ST   | OK-CFI-014172 | Cherokee/Flanagan Prairie<br>Complex Rx                          | Ozark Ecological Restoration, Inc.    | Prescribed Burn      |
| ST   | OK-CFI-014193 | ICS-402 for Executives and<br>Senior Officials                   | Oklahoma State<br>University          | Training             |
| FED  | OK-CFI-014222 | 88th RSC Rx  | USACE                                 | Prescribed Burn      |
| PRI  | OK-CFI-014224 | Heinzelmann Rx   | Ozark Ecological<br>Restoration, Inc. | Prescribed Burn      |



| FED  | OK-CFI-014231 | Off-Road Firefighting Trailer                              | USDoD Army  | Manufacturing        |
|------|---------------|--|---|----------------------|
| FED  | OK-CFI-015013 | Windom WMD   | USFWS   | Prescribed Burn      |
| PRI  | OK-CFI-015017 | Hui Rx   | Ozark Ecological<br>Restoration, Inc.                   | Prescribed Burn      |
| ST   | OK-CFI-015022 | Emergency Management<br>Training for Tribal<br>Governments | Oklahoma State<br>University                            | Training             |
| ST   | OK-CFI-015023 | Searles Prairie Rx   | Ozark Ecological Restoration, Inc.                      | Prescribed Burn      |
| MUNI | OK-CFI-015024 | Beaver WMD Rx  | Ozark Ecological Restoration, Inc.                      | Prescribed Burn      |
| ST   | OK-CFI-015089 | OSU TTAP MCN Training                                      | Oklahoma State<br>University                            | Training             |
| MUNI | OK-CFI-015091 | Lake Fayetteville Complex Rx                               | City of<br>Fayetteville                                 | Prescribed Burn      |
| FED  | OK-CFI-015106 | R4 VIPR Vehicle w/Driver                                   | USDA FS   | Wildfire Suppression |
| ST   | OK-CFI-015122 | KFS Staffing   | Kansas Forest<br>Service                                | Wildfire Suppression |
| FED  | OK-CFI-015123 | NAS Kingsville Rx  | US Navy   | Prescribed Burn      |
| FED  | OK-CFI-015249 | National T2IA Crew   | USDA FS   | Wildfire Suppression |
| FED  | OK-CFI-015256 | NV/UT FIA Plots  | USDA FS   | Forestry             |
| FED  | OK-CFI-015279 | AFWFC WFMPs  | US Air Force  | Consulting           |
| FED  | OK-CFI-015296 | AR-HOP Fireline Construction                               | USDI NPS  | Forestry             |
| PRI  | OK-CFI-015324 | Firestorm NTS Reroute<br>Support                           | Firestorm WFS,<br>Inc.                                  | Wildfire Suppression |
| FED  | OK-CFI-015359 | Belton LTA Rx  | USACE   | Prescribed Burn      |
| FED  | OK-CFI-015360 | Kingsbury LTA Rx   | USACE   | Prescribed Burn      |
| FED  | OK-CFI-015361 | Weldon Spring LTA Rx                                       | USACE   | Prescribed Burn      |
| FED  | OK-CFI-015366 | Fort Polk Aerial Ignition                                  | US Army   | Aviation             |
| PRI  | OK-CFI-015370 | ABBCB Unit B Rx  | Private<br>Landowner                                    | Prescribed Burn      |
| ST   | OK-CFI-160001 | Diamond Grove Rx   | Missouri Dept. of<br>Conservation                       | Prescribed Burn      |
| FED  | OK-CFI-160016 | MN-WWR Staffing  | USDI FWS  | Prescribed Burn      |
| FED  | OK-CFI-160085 | R4 VIPR Water Handling                                     | USDA FS   | Wildfire Suppression |
| FED  | OK-CFI-160086 | R4 VIPR Weed Wash  | USDA FS   | Wildfire Suppression |
| PRI  | OK-CFI-160103 | Brewster Rx  | Private<br>Landowner                                    | Prescribed Burn      |
| FED  | OK-CFI-160111 | Gavin's Point Rx   | USACE   | Prescribed Burn      |
| NGO  | OK-CFI-160112 | Central Platte NRD Rx                                      | Central Platte<br>NRD                                   | Prescribed Burn      |
| FED  | OK-CFI-160115 | MN-DLR Staffing  | USDI FWS  | Prescribed Burn      |
| ST   | OK-CFI-160117 | FL DEP Staffing Augmentation                               | Florida<br>Department of<br>Environmental<br>Protection | Prescribed Burn      |
| NGO  | OK-CFI-160133 | PRRIP Complex Rx   | Headwaters<br>Corporation                               | Prescribed Burn      |
| FED  | OK-CFI-160148 | NAS Kingsville Rx  | US Navy   | Prescribed Burn      |
|      |               |  |   |                      |



| FED  | OK-CFI-160148  | NAS Kingsville 2 Rx                        | US Navy                                    | Prescribed Burn           |
|------|----------------|--|--|---------------------------|
| MUNI | OK-CFI-160166  | Lake Fayetteville Complex Rx               | City of<br>Fayetteville                    | Prescribed Burn           |
| FED  | OK-CFI-160168  | Lewis & Clark Rx                           | USACE                                      | Prescribed Burn           |
| NGO  | OK-CFI-160176  | Chama TREX                                 | TNC  | Prescribed Burn           |
| FED  | OK-CFI-160187  | Wildfire Mitigation Report                 | Sandia National<br>Laboratories            | Consulting                |
| NGO  | OK-CFI-160201  | Golden Prairie Rx                          | Missouri Prairie<br>Foundation             | Prescribed Burn           |
| FED  | OK-CFI-160226  | Vandenberg AFB Staffing                    | US Air Force                               | Wildfire Suppression      |
| PRI  | OK-CFI-160251  | WDS Private Asset Protection               | Wildfire Defense<br>Systems                | Private Asset Protection  |
| ST   | OK-CFI-160262  | Cherokee Prairie Rx                        | Arkansas Natural<br>Heritage<br>Commission | Prescribed Burn           |
| ST   | OK-CFI-160263  | Flanagan Prairie Rx                        | Arkansas Natural<br>Heritage<br>Commission | Prescribed Burn           |
| TRI  | OK-CFI-160347  | Burn Plan                                  | Santa Clara<br>Pueblo                      | Consulting                |
| ST   | OK-CFI-160357  | FL DEP Turnkey Prescribed<br>Burning       | F4 Tech                                    | Prescribed Burn           |
| NGO  | OK-CFI-170001  | Stilwell Rx                                | Missouri Prairie<br>Foundation             | Prescribed Burn           |
| ST   | OK-CFI-170010  | Diamond Grove Rx                           | Missouri Dept. of Conservation             | Prescribed Burn           |
| NGO  | OK-JTNN-013001 | JT Nickel Preserve Rx                      | TNC  | Prescribed Burn           |
| NGO  | OK-JTNN-014001 | JT Nickel Preserve Restoration<br>Field Rx | TNC  | Prescribed Burn           |
| NGO  | OK-OKCN-015002 | JT Nickel Preserve Rx                      | TNC  | Prescribed Burn           |
| NGO  | OK-OKCN-015003 | Pontotoc Ridge Preserve Rx                 | TNC  | Prescribed Burn           |
| NGO  | OK-PORN-013001 | Pontotoc Ridge Rx                          | TNC  | Prescribed Burn           |
| NGO  | OK-PORN-013002 | Pontotoc Ridge Fenceline<br>Clearing       | TNC  | Hazardous Fuels Reduction |
| NGO  | OK-PORN-014001 | Pontotoc Ridge Rx                          | TNC  | Prescribed Burn           |



# <u>Tab VIII – Company Background and References</u>

Please see following pages for additional requested information.

# **Company Background/History**

Chloeta is the industry leader in natural resources and prescribed fire solutions for both the public and private sectors. Chloeta is an SBA 8(a) and HUBZone, DOT DBE, Native American SDB/MBE certified small business. Chloeta's primary customers are the USDA Forest Service, US Fish & Wildlife Service, National Park Service, The Nature Conservancy (TNC), US Air Force, US Navy and US Army Corps of Engineers. Chloeta staff collectively possesses over 300 years of agency natural resources management experience, particularly in the realm of wildland and prescribed fire. On multiple contracts Chloeta has played an integral role in advancing critical research in key natural resources management concerns such as new technology applications for wildland fire operations, habitat maintenance for critically endangered species, and the utilization of prescribed fire for a variety of ecological objectives in the wildland-urban interface (WUI). Chloeta is the inarguable industry leader for comprehensive, professional and safe wildland and prescribed fire management consulting and contracting services.

Our firm has been honored with numerous awards including:

- U.S. Small Business Administration Emerging 200 (e200) Initiative Graduate
- U.S. Small Business Administration 2012 Oklahoma Young Entrepreneur of the Year
- U.S. Small Business Administration 2012 National Young Entrepreneur of the Year
- U.S. Small Business Administration 2012 Region VI Young Entrepreneur of the Year
- U.S. Department of Commerce, Minority Business Development Agency (MBDA), Minority Enterprise Development (MED) Week, 2012 Oklahoma Minority Service Firm of the Year
- Journal Record 2011 Oklahoma Innovator of the Year
- American Indian Chamber of Commerce (AICCO) 2011 Small Business of the Year
- Chloeta CEO 2011 Indian Country Business Summit (ICBS) Keynote Speaker along with U.S. Representative Tom Cole (R-Oklahoma)
- Chloeta CEO 2012 National Center for American Indian Enterprise Development (NCAIED)
   Native American "40 Under 40"
- Chloeta CEO 2012 President Obama's Subcommittee on Small Business, Young Entrepreneur Series (YES) Livestreamed on WhiteHouse.gov
- Chloeta CEO Contributor for CNN Money and CNN Newsroom on federal budget matters impacting small businesses
- 2016 Finance Executive of the Year, Bronze Award Winner, Best in Biz Awards
- 2017 Leadership Native of Oklahoma Awardee

#### **Customer Service**



Chloeta adheres to a strict Quality Management System (QMS) in the performance of all contract management and associated activities. A key component of the QMS that CHLOETA adheres to is the comprehensive Quality Management Manual (QMM). This QMS and associated QMM was developed by an independent third-party consultant at the behest of Chloeta leadership to ensure the highest level of integrity and quality in the delivery of our firm's services and products to our clients. The QMM has not been attached here for brevity's sake. However, we will gladly provide a copy of our firm's QMM upon request.

Simply stated, Chloeta has set the industry standard for superior customer service for all professional wildland fire management related services. Our QMS and QMM were developed by an independent third party consulting firm. Further, we incorporated many efficiencies perfected by larger corporations known for superior customer service. One of these include automated and anonymous, if desired, data gathering from every customer upon completion of services to determine if we could have served them better. This data is collected via a streamlined web-based process in which the customer is asked to assign a numerical rating to the various areas of service they received from our firm. Another example is a linear organizational structure providing access to any member of our firm's management structure by customers as needed. A third example is our 24-hour toll free hotline that customers routinely use to stay in touch with our staff regarding a number of topics.

Further, to comply with the standards associated with our federal General Services Administration (GSA) Schedule 899 Environmental Services – prescribed burning 20-year interagency contract our firm has twice enlisted an outside PR consulting firm to independently and anonymously poll our prior customers. In both of these customer satisfaction surveys the report our firm received indicated that our aggregate approval rating among customers was at or above the 93<sup>rd</sup> percentile for our industry.

## **Company Discriminators**

CHLOETA is set apart from other prescribed fire providers as the nationwide leader in prescribed fire by the following discriminators:

|   | CHLOETA | Others |
|---|---------|--------|
| Experience – Supervisory operations personnel primarily recruited     | Yes     | No     |
| from elite smokejumper, helirappeller, and hotshot communities        |         |        |
| Experience – Over 100,000 acres safely prescribe burned across the    | Yes     | No     |
| U.S. in diverse fuel types  |         |        |
| Experience – Operational wildland firefighting and prescribed burning | Yes     | No     |
| experience in 22 different states                                     |         |        |
| Experience – Cadre of retired agency wildland fire and incident       | Yes     | No     |
| management personnel available for training and consulting            |         |        |
| engagements   |         |        |



| Qualifications – Multiple NWCG Qualified Prescribed Burn Boss, Type  | Yes | No |
|--|-----|----|
| 2 (RXB2) and Incident Commander, Types 1-4 (ICT1-4) on staff         |     |    |
| Qualifications – Multiple NASF Certified Foresters (CF) and state    | Yes | No |
| forestry agency Registered Foresters (RF) on staff                   |     |    |
| Qualifications – 24/7/365 Meteorologist and GIS Professionals on     | Yes | No |
| staff  |     |    |
| Ease of Ordering – GSA Professional Services Schedule for simplified | Yes | No |
| procurement  |     |    |
| Ease of Ordering – SBA 8(a) and HUBZone Certified and eligible for   | Yes | No |
| sole-source procurement  |     |    |

Chloeta has provided incident management services in 30 states nationwide and has support facilities at five locations nationwide.



**National Operations Center:** Midwest City, OK

South Central Operations Center:Jay, OKSoutheast Operations Center:Ocala, FLGreat Basin Operations Center:Rigby, IDVandenberg Operations Center:Lompoc, CA



Chloeta intends to assign the following Key Personnel if awarded this contract:

- Contractor's Representative | Mark Masters, CEO
- Alternate Contractor's Representative | Chet Dodrill, CFO
- Project Manager | Phillip Daw, Superintendent, National T2IA Crew 14 & NWCG Prescribed Burn Boss, Type 2 (RXB2)
- Alternate Project Manager | William Roller, Fire Planner and NWCG Prescribed Burn Boss, Type 2 (RXB2)

Mark Masters, a native of Jay, Oklahoma, is a Cherokee tribal citizen and of Choctaw descent. Masters is a direct descendant of Cherokee Principal Chief Richard Fields. He possesses fourteen (14) years of experience in wildland fire, incident management and natural resources. Masters holds a Bachelor of Science degree in Wildlife and Fisheries Ecology from Oklahoma State University and a Graduate Certificate from the Tuck School of Business at Dartmouth in Entrepreneurship. He has also completed Graduate Studies in Forest and Fire Ecology at the University of Idaho as well as Organizational Leadership and Business Administration at Cameron University.

During his federal career spanning over eight (8) years prior to launching Chloeta, he was employed by the USDA Forest Service, U.S. Fish & Wildlife Service, Bureau of Land Management, National Park Service and Bureau of Indian Affairs at various times. Duty stationed in Oregon, Montana, Idaho, Oklahoma and Arkansas he held positions as: engine crewmember, helitack firefighter, helitack squad leader, helirappeller, engine captain, dispatcher, Acting Fire Management Officer (FMO), Acting Forest Manager, and a NIFC staff member. Masters served as an Agency Representative at both the geographic level (GACC) and the national level on many interagency National Wildfire Coordinating Group (NWCG) committees including the Fire Environment, Smoke Management and Training committees.

Masters is currently qualified as a National Wildfire Suppression Association (NWSA) Lead Instructor and is licensed by the Oklahoma Department of Homeland Security (DHS) as an Advanced NIMS Instructor. He has a passion for curriculum development and course delivery as a perpetual learner and is a highly sought after public speaker. In 2012 he was the joint keynote speaker at the Indian Country Business Summit along with U.S. Representative Tom Cole (R-Oklahoma) and in 2013 was a contributor to CNN Money and a live interviewee on CNN discussing how the federal budget shutdown would impact small businesses across the nation. He has been honored as the National Young Entrepreneur of the Year by the U.S. Small Business Administration in 2012, by the National American Indian Center for Enterprise Development (NCAIED) "40 Under 40" and has also served as a panelist on President Obama's Subcommittee on Small Business Young Entrepreneurship Series (YES) livestreamed on WhiteHouse.gov.

**Mark Morales** is a senior natural resources professional with over twenty-nine (29) years of experience managing wildland fire operations and plans. He is a Cherokee Nation tribal citizen. Morales most recently served as Assistant Fire Management Officer (AFMO) for the Ozark-St. Francis and Ouachita



National Forests in Arkansas in Oklahoma, where he managed a wildland fire program that averaged 125,000 acres of prescribed burning and 100 wildfires per year. Morales is NWCG qualified as an Incident Commander, Type 1 (ICT1) and is the deputy incident commander on the Southern Area Blue Team, a Type 1 Incident Management Team. Morales currently serves as Chloeta's DoD Program Manager.

**Lester Tisino** is a senior wildland fire professional with over 41 years of fire management experience. Tisino has previous employment experience in four federal agencies, including the USDA Forest Service and US Department of the Interior, where he served as an Interagency Fire Management Officer for the Fish & Wildlife Service, Bureau of Indian Affairs, and Bureau of Land Management. During his career Tisino maintained NWCG qualification as a prescribed burn boss, type 1 (RXB1) and Prescribed Fire Manager, Type 1 (RXFM1).

**Phillip Daw** has been a wildland fire and incident management professional for sixteen (16) years and is superintendent of National Type 2 Initial Attack Crew 14. He oversees all facets of field operations for Chloeta nationally including: recruitment, hiring, project management, strategic planning and training. Daw is an enrolled tribal member of the Cheyenne and Arapaho Tribe and the Navajo Nation.

James Meredith recently retired from the U.S. Forest Service after 25+ years in all-hazards incident response. His final position was as the Finance/Administration Section Chief for the Atlanta National Wildland fire management Organization (NIMO) IMT. The NIMO is composed of four (4) IMTs. Each team consists of seven (7) members, who are assigned full-time to Command & General Staff positions. In addition to supporting Area Command Teams, Type 1 and Type 2 IMTs in all-hazards incident response, the NIMO teams are available year round for interagency capacity building, mentorship, exercise development and facilitation and classroom training assignments. In addition to a lengthy list of all-hazards Command & General Staff experience James also participated with the NIMO in international joint Tactical Decision Making Exercises throughout Europe. He is currently rostered on one of the Southern Area Type 1 Interagency IMTs.

**Tim Stanton** is a certified Registered Forester and Consulting Forester and has over thirty (30) years of experience in wildland fire management. Upon retiring from the Missouri Department of Conservation (MDC) as the Regional Forestry Supervisor, he joined the Chloeta team. He currently maintains qualifications as Division Supervisor (DIVS), Type 2 Safety Officer (SOF2) and Type 4 Incident Commander (ICT4). He is also a college professor of forestry. He is active every summer on the firelines of the West on various Type 1 and Type 2 Wildland fire management Teams (IMTs). He also served as a Safety Officer on an AHIMT Type 3 team at Superstorm Sandy in New Jersey.

**Chet Dodrill** has been the Chief Administrative Officer (CAO) for Chloeta since 2011. He holds a Bachelor of Science in Supply Chain Management and Finance and a Master of Science in Urban Planning. He is a nationally renowned expert in Wildland Urban Interface (WUI) planning and strategy and is in high demand for public speaking engagements for planning conferences covering wildland fire management



related issues. He is considered an expert in incident business management practices. In 2016 he was recognized as the bronze winner in the Finance Executive of the Year category by the Best in Biz Awards.

Jim Brigance has also been in the interagency incident response community for over thirty (30) years as well. He retired as the State Training Officer for the Arkansas Forestry Commission (AFC) responsible for coordinating and presenting training wildland fire and all-hazards training for the states many volunteer/rural fire departments. He has previously maintained qualifications as an Air Attack Group Supervisor (ATGS) and Division/Group Supervisor in the NWCG system and is currently a qualified Training Specialist (TNSP) available for IMT response nationwide. Notable assignments include being assigned as a Battalion Military Liaison (BNML)/Military Crew Liaison Advisor (MCAD) responsible for the rapid training and deployment of National Guard within the ICS when national extreme wildfire events.

**Tom Lee** is a senior executive with decades of experience in public health and emergency management services. He has extensive experience managing finance and administration functions on complex incidents and has a long career record as a chief financial officer, controller, and administrator in multiple health care systems. He currently serves as the primary Finance & Administration Section Chief on the Chloeta All-Hazards Incident Management Team (AHIMT).

## **Length of Time in Business**

Chloeta was founded in 2009 by former career National Interagency Fire Center employee Mark Masters. Since 2009 the firm has grown by providing a full range of natural resources and incident response related services, including forestry hand crews, hazard tree removal, and prescribed fire. In total, the staff of Chloeta possess over 300 collective years of experience with the firm and various federal and state land management agencies.

### **Business References**

Please see attached for detailed business references.

Below are references that can attest, through prior contractual past performance, to the professionalism and expertise of Chloeta personnel as it relates to wildland and prescribed fire management services:

Mike Melnechuk, Division Fire Coordinator
 Florida Department of Environmental Protection
 Tallahassee, FL
 (501) 804-6242
 mike.k.melnechuk@dep.state.fl.us



2. Randy Berry, Wildlife Biologist

U.S. Army, 88<sup>th</sup> Reserve Support Command (RSC), Joliet Local Training Area (LTA) Joliet, Illinois (815) 423-6907 randy.j.berry.civ@mail.mil

3. Deno Stamos, Contracting Officer

U.S. Navy, NAVFAC Southeast, Naval Air Station Kingsville (NASK) Kingsville, Texas (361) 516-6044 deno.stamos@navy.mil

**4.** Eric Earhart, Prescribed Fire Specialist

U.S. Fish & Wildlife Service, Windom Water Management District (WMD) Windom, Minnesota (507) 831-2220, ext. 15 eric\_earhart@fws.org

5. Jeremy Bailey, Associate Director for Fire Training The Nature Conservancy (TNC) Salt Lake City, Utah (801) 599-1394 jeremy\_bailey@tnc.org

# **Vendor Staff Resumes**

Please see attached in Tab IX.



- 4.10.2.9 Existing road and skid trail maintenance; and
- 4.10.2.10 Skid road rehabilitation following project conclusion.
- 4.10.3 Vendors must have a familiarity with drainage fabrics and geotextiles. Vendors must include in their response, detailed experience in comparable projects.

# 4.11 Additional Requirements

- 4.11.1 Vendors need to be aware that due to wildlife and special resource concerns, or special events, a temporary delay in authorization to proceed may result.
- 4.11.2 At awarded vendor's expense, all vehicles entering any critical habitats must be extensively cleaned (primarily the undercarriage) prior to entry to prevent the spread of invasive species.
- 4.11.3 The awarded vendor must agree to avoid impacts to historic and prehistoric sites as defined under NRS 381.195. Avoidance means that no ground disturbing activities associated with the project will affect historic and prehistoric sites during construction. The State's designee will flag the boundaries of historic and prehistoric sites to be avoided within the project area and present this information to the vendor in the field. The awarded vendor will be responsible for communicating avoidance requirements to heavy equipment operators, subcontractors and any of its personnel working in the vicinity. Any impacts to cultural resources within the flagged boundaries associated with the project, whether purposeful or inadvertent, are not acceptable and the State may require the awarded contractor to pay for the recordation, stabilization or data recovery at the site. The State may consider a contractor's affects to historic and prehistoric sites as disqualifying factors in future RFOs. In the event that historic or prehistoric resources are discovered, contractor will cease work immediately and contact the State's designee.
- 4.11.4 The awarded vendor(s) shall ensure that all its personnel and the personnel of any of its subcontractors are directed not to engage in the illegal collection of historic and prehistoric materials.
- 4.11.5 The awarded vendor shall call law enforcement if any suspected human remains are encountered in the project area.

# 5. COMPANY BACKGROUND AND REFERENCES

# 5.1 VENDOR INFORMATION

5.1.1 Vendors must provide a company profile in the table format below.

| Question  | Response          |
|---|-------------------|
| Company name:                                   | Chloeta Fire, LLC |
| Ownership (sole proprietor, partnership, etc.): | LLC               |
| State of incorporation:                         | OK                |
| Date of incorporation:                          | 23 APR 2010       |

| Question   | Response         |
|--|------------------|
| # of years in business:  | 9                |
| List of top officers:  | Mark Masters     |
| Location of company headquarters:  | Jay, OK          |
| Location(s) of the company offices:  | Midwest City, OK |
| Location(s) of the office that will provide the services described in this RFQ:                    | Rigby, ID        |
| Number of employees locally with the expertise to support the requirements identified in this RFQ: | 30               |
| Number of employees nationally with the expertise to support the requirements in this RFQ:         | 75               |
| Location(s) from which employees will be assigned for this project:                                | Rigby, ID        |

- Please be advised, pursuant to NRS 80.010, a corporation organized pursuant to the laws of another state must register with the State of Nevada, Secretary of State's Office as a foreign corporation before a contract can be executed between the State of Nevada and the awarded vendor, unless specifically exempted by NRS 80.015.
- 5.1.3 The selected vendor, prior to doing business in the State of Nevada, must be appropriately licensed by the State of Nevada, Secretary of State's Office pursuant to NRS76. Information regarding the Nevada Business License can be located at <a href="http://sos.state.nv.us">http://sos.state.nv.us</a>.

| Question                        | Response                       |
|---------------------------------|--------------------------------|
| Nevada Business License Number: | NV20121059166 (pending update) |
| Legal Entity Name:              | Chloeta Fire, LLC              |

Is "Legal Entity Name" the same name as vendor is doing business as?

| Yes X | No |  |
|-------|----|--|
|-------|----|--|

If "No", provide explanation.

- Vendors are cautioned that some services may contain licensing requirement(s). Vendors shall be proactive in verification of these requirements prior to proposal submittal. Proposals that do not contain the requisite licensure may be deemed non-responsive.
- 5.1.5 Has the vendor ever been engaged under contract by any State of Nevada agency?

| Yes | Χ | No |  |
|-----|---|----|--|

If "Yes", complete the following table for each State agency for whom the work was performed. Table can be duplicated for each contract being identified.

| Question                            | Response               |
|-------------------------------------|------------------------|
| Name of State agency:               | Dept of Administration |
| State agency contact name:          | Teri Becker            |
| Dates when services were            | 2009-2013              |
| performed:                          |                        |
| Type of duties performed:           | Fire Fuels Reduction   |
| Total dollar value of the contract: | \$110,000              |

Are you now or have you been within the last two (2) years an employee of the State of Nevada, or any of its agencies, departments, or divisions?

| Yes | No | Х |
|-----|----|---|
|-----|----|---|

If "Yes", please explain when the employee is planning to render services, while on annual leave, compensatory time, or on their own time?

If you employ (a) any person who is a current employee of an agency of the State of Nevada, or (b) any person who has been an employee of an agency of the State of Nevada within the past two (2) years, and if such person will be performing or producing the services which you will be contracted to provide under this contract, you must disclose the identity of each such person in your response to this RFQ, and specify the services that each person will be expected to perform.

5.1.7 Disclosure of any significant prior or ongoing contract failures, contract breaches, civil or criminal litigation in which the vendor has been alleged to be liable or held liable in a matter involving a contract with the State of Nevada or any other governmental entity. Any pending claim or litigation occurring within the past six (6) years which may adversely affect the vendor's ability to perform or fulfill its obligations if a contract is awarded as a result of this RFQ must also be disclosed. Does any of the above apply to your company?

| Yes | No | Х |
|-----|----|---|
|-----|----|---|

If "Yes", please provide the following information. Table can be duplicated for each issue being identified.

| Question                            | Response |
|-------------------------------------|----------|
| Date of alleged contract failure or | NI/A     |
| breach:                             | N/A      |
| Parties involved:                   |          |
| Description of the contract         |          |
| failure, contract breach, or        |          |
| litigation, including the products  |          |
| or services involved:               |          |
| Amount in controversy:              |          |
| Resolution or current status of the |          |
| dispute:                            |          |

| Question                        | Resp  | oonse       |
|---------------------------------|-------|-------------|
| If the matter has resulted in a | Court | Case Number |
| court case:                     |       |             |
| Status of the litigation:       |       |             |

5.1.8 Vendors must review the insurance requirements specified in *Attachment E*, *Insurance Schedule for RFQ 3282*. Does your organization currently have or will your organization be able to provide the insurance requirements as specified in *Attachment E*.

| Yes | X | No |  |
|-----|---|----|--|
|-----|---|----|--|

Any exceptions and/or assumptions to the insurance requirements *must* be identified on *Attachment B*, *Technical Certification of Compliance with Terms and Conditions of RFQ*. Exceptions and/or assumptions will be taken into consideration as part of the evaluation process; however, vendors must be specific. If vendors do not specify any exceptions and/or assumptions at time of their RFQ response submission, the State will not consider any additional exceptions and/or assumptions during negotiations.

Upon contract award, the successful vendor *must* provide the Certificate of Insurance identifying the coverages as specified in *Attachment E*, *Insurance Schedule for RFQ 3282*.

- 5.1.9 Company background/history and why vendor is qualified to provide the services described in this RFQ. Limit response to no more than five (5) pages.
- 5.1.10 Length of time vendor has been providing services described in this RFQ to the public and/or private sector. Please provide a brief description.
- 5.1.11 Financial information and documentation to be included in Part III, Confidential Financial Information of vendor's response in accordance with Section 10.5, Part III Confidential Financial Information.
  - 5.1.11.1 Dun and Bradstreet Number
  - 5.1.11.2 Federal Tax Identification Number

# 5.2 SUBCONTRACTOR INFORMATION

5.2.1 Does this RFQ response include the use of subcontractors?

| Yes |  | No | Х |
|-----|--|----|---|
|-----|--|----|---|

If "Yes", vendor must:

5.2.1.1 Identify specific subcontractors and the specific requirements of this RFQ for which each proposed subcontractor will perform services.

- 5.2.1.2 If any tasks are to be completed by subcontractor(s), vendors must:
  - A. Describe the relevant contractual arrangements;
  - B. Describe how the work of any subcontractor(s) will be supervised, channels of communication will be maintained and compliance with contract terms assured; and
  - C. Describe your previous experience with subcontractor(s).
- 5.2.1.3 Vendors must describe the methodology, processes and tools utilized for:
  - A. Selecting and qualifying appropriate subcontractors for the project/contract;
  - B. Ensuring subcontractor compliance with the overall performance objectives for the project; and
  - C. Ensuring that subcontractor deliverables meet the quality objectives of the project/contract; and
  - D. Providing proof of payment to any subcontractor(s) used for this project/contract, if requested by the State. Proposal should include a plan by which, at the State's request, the State will be notified of such payments.
- 5.2.1.4 Provide the same information for any proposed subcontractors as requested in *Section 5.1*, *Vendor Information*.
- 5.2.1.5 Business references as specified in **Section 5.3**, **Business References** must be provided for any proposed subcontractors.
- 5.2.1.6 Vendor shall not allow any subcontractor to commence work until all insurance required of the subcontractor is provided to the vendor.
- 5.2.1.7 Vendor must notify the using agency of the intended use of any subcontractors not identified within their original proposal and provide the information originally requested in the RFQ in *Section* 5.2, *Subcontractor Information*. The vendor must receive agency approval prior to subcontractor commencing work.

# **5.3 BUSINESS REFERENCES**

5.3.1 Vendors should provide a minimum of three (3) business references from similar projects performed for private, state and/or large local government clients within the last three (3) years.

5.3.2 Vendors must provide the following information for <u>every</u> business reference provided by the vendor and/or subcontractor:

The "Company Name" must be the name of the proposing vendor or the vendor's proposed subcontractor.

| Reference #:  | 1                   |                                     |  |  |
|---|---------------------|-------------------------------------|--|--|
| <b>Company Name:</b>  | Chloeta Fire, L     | Chloeta Fire, LLC                   |  |  |
| Iden  | tify role company v | vill have for this RFQ project      |  |  |
|   | (Check appro        | opriate role below):                |  |  |
|   | VENDOR              | SUBCONTRACTOR                       |  |  |
| Project Name:   | National T2IA Har   | nd Crews                            |  |  |
|   | Primary Co          | ntact Information                   |  |  |
| Name:   |                     | Cathy Baird                         |  |  |
| Street Address:   |                     | 3833 Development Ave                |  |  |
| City, State, Zip  |                     | Boise, ID 83705                     |  |  |
| Phone, including a  | rea code:           | 208.373.4126                        |  |  |
| Facsimile, includir   | ng area code:       | 208.373.4111                        |  |  |
| Email address:  |                     | cbaird@fs.fed.us                    |  |  |
|   | Alternate Co        | ntact Information                   |  |  |
| Name:   |                     | N/A                                 |  |  |
| Street Address:   |                     |                                     |  |  |
| City, State, Zip  |                     |                                     |  |  |
| Phone, including a  |                     |                                     |  |  |
| Facsimile, includir   | ng area code:       |                                     |  |  |
| Email address:  |                     |                                     |  |  |
|   | •                   | Information                         |  |  |
| Brief description of the  |                     | Chloeta provides NWCG Type 2 IA     |  |  |
| project/contract an   | •                   | Hand Crews throughout the Great     |  |  |
| services performed  |                     | Basin and across the United States. |  |  |
| technical environm  |                     | Basin and across the Office States. |  |  |
| applications, data of   | communications,     |                                     |  |  |
| etc.) if applicable:  | ontroot Start Data: | 07/01/2016                          |  |  |
| Original Project/C  |                     |                                     |  |  |
| Original Project/C  |                     | 12/31/2016<br>\$600,000             |  |  |
| Original Project/Contract Value:  |                     | 12/31/2016                          |  |  |
| Final Project/Contract Date:  |                     |                                     |  |  |
| Was project/contract completed in time originally allotted, and if not, |                     | Yes                                 |  |  |
| why not?  | nica, and it not,   |                                     |  |  |
| Was project/contra  | ct completed        | Voc: Project was poid based on as   |  |  |
| within or under the   |                     | Yes; Project was paid based on as-  |  |  |
| cost proposal, and  |                     | needed hourly rate                  |  |  |

5.3.3 Vendors <u>must also submit</u> *Attachment F*, *Reference Questionnaire* to the business references that are identified in *Section 5.3.2*.

5.3.2 Vendors must provide the following information for <u>every</u> business reference provided by the vendor and/or subcontractor:

The "Company Name" must be the name of the proposing vendor or the vendor's proposed subcontractor.

| Reference #:                          | 2                    |  |
|---------------------------------------|----------------------|--|
| <b>Company Name</b>                   | c: Chloeta Fire, LLC |  |
| Ide                                   | ntify role company   | will have for this RFQ project         |
|                                       | (Check appro         | opriate role below):                   |
|                                       | VENDOR               | SUBCONTRACTOR                          |
| Project Name:                         | Windom WMD Pr        | escribed Fire Staffing Augmentation    |
|                                       | Primary Co           | ntact Information                      |
| Name:                                 |                      | Eric Earhart                           |
| Street Address:                       |                      | 49663 County Road 17                   |
| City, State, Zip                      |                      | Windom, MN 56101                       |
| Phone, including                      | area code:           | 507.831.2220 ext. 15                   |
| Facsimile, includ                     | ing area code:       | N/A                                    |
| Email address:                        |                      | eric_earhart@fws.gov                   |
|                                       | Alternate Co         | ontact Information                     |
| Name:                                 |                      | Lisa Coomes                            |
| Street Address:                       |                      | 5600 American Blvd West, Ste 990       |
| City, State, Zip                      |                      | Bloomington, MN 55437-1458             |
| Phone, including                      | area code:           | 320.273.2506                           |
| Facsimile, includ                     | ing area code:       | N/A                                    |
| Email address:                        |                      | lisa_coomes@fws.gov                    |
|                                       | Project              | Information                            |
| Brief description                     |                      | Chloeta provided NWCG-qualified        |
| project/contract a services performe  | nd description of    | firefighters and overhead to assist in |
| -                                     | ment (i.e., software | conducting prescribed burns in         |
|                                       | communications,      | south-central Minnesota                |
| etc.) if applicable                   |                      |  |
|                                       | Contract Start Date: | 02/26/2016                             |
| Original Project/O                    | Contract End Date:   | 09/30/2016                             |
| Original Project/Contract Value:      |                      | \$44,196.00                            |
| Final Project/Contract Date:          |                      | 06/30/2016                             |
| Was project/contract completed in     |                      | Yes                                    |
| time originally allotted, and if not, |                      |  |
| why not?                              |                      |  |
| Was project/contr                     |                      | Yes, within budget                     |
| within or under the original budget/  |                      |  |
| cost proposal, and if not, why not?   |                      |  |

5.3.3 Vendors <u>must also submit</u> Attachment F, Reference Questionnaire to the business references that are identified in Section 5.3.2.

5.3.2 Vendors must provide the following information for <u>every</u> business reference provided by the vendor and/or subcontractor:

The "Company Name" must be the name of the proposing vendor or the vendor's proposed subcontractor.

| Reference #:  | 3                 |                                      |  |
|---|-------------------|--------------------------------------|--|
| <b>Company Name</b>                                     | : Chloeta Fire, I | Chloeta Fire, LLC                    |  |
| Identify role company wil                               |                   | vill have for this RFQ project       |  |
| (Check appropriate role below):                         |                   |                                      |  |
|   | VENDOR            | SUBCONTRACTOR                        |  |
| Project Name: US Army 88th RSC Prescribed Burning       |                   |                                      |  |
| Primary Contact Information                             |                   |                                      |  |
| Name:   |                   | Randy Berry                          |  |
| Street Address:   |                   | 20612 W Arsenal Rd Bldg 004          |  |
| City, State, Zip  |                   | Elwood, IL 60421                     |  |
| Phone, including area code:                             |                   | 815.423.6907                         |  |
| Facsimile, including area code:                         |                   | N/A                                  |  |
| Email address:  |                   | randy.j.berry.civ@mail.mil           |  |
| Alternate Contact Information                           |                   |                                      |  |
| Name:   |                   | Craig Coombs                         |  |
| Street Address:   |                   | 600 MLK Jr. Place, Room 351          |  |
| City, State, Zip  |                   | Louisville, KY 40202                 |  |
| Phone, including area code:                             |                   | 502.315.6324                         |  |
| Facsimile, including area code:                         |                   | N/A                                  |  |
| Email address:  |                   | craig.a.coombs@usace.army.mil        |  |
| Project Information                                     |                   |                                      |  |
| Brief description of the                                |                   | Chloeta conducted turnkey prescribed |  |
| project/contract and description of                     |                   | burning on approx. 1200 ac at three  |  |
| services performed, including                           |                   |                                      |  |
| technical environment (i.e., software                   |                   | Army Reserve installations in the    |  |
| applications, data communications, etc.) if applicable: |                   | Midwest                              |  |
| Original Project/Contract Start Date:                   |                   | 09/21/2015                           |  |
| Original Project/Contract End Date:                     |                   | 09/30/2017                           |  |
| Original Project/Contract Value:                        |                   | \$126,000                            |  |
| Final Project/Contract Date:                            |                   | 05/01/2016                           |  |
| Was project/contract completed in                       |                   |                                      |  |
| time originally allotted, and if not,                   |                   | Yes                                  |  |
| why not?  |                   |                                      |  |
| Was project/contract completed                          |                   | Yes, within budget                   |  |
| within or under the original budget/                    |                   | 1 55, Within Budget                  |  |
| cost proposal, and if not, why not?                     |                   |                                      |  |

5.3.3 Vendors <u>must also submit</u> Attachment F, Reference Questionnaire to the business references that are identified in Section 5.3.2.

# Tab IX - Proposed Staff Resume

Following are resumes of company key personnel who will be available for use for this contract.





# Mark D. Masters | Chief Executive Officer

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

#### **Profile**

Mr. Masters is a tribal citizen of the Cherokee Nation of Oklahoma and possesses fourteen (14) years of experience in wildland fire, natural resources and incident management. He is considered an international expert within the industry. He possesses a wealth of educational and instructional experience as course coordinator and instructor in the delivery of many National Wildfire Coordinating Group (NWCG), Incident Command System (ICS), and National Incident Management System (NIMS) courses and custom-developed proprietary training courses. Mr. Masters is also a renowned speaker on the research applications of UAS in wildland fire and is a past contributor to CNN Newsroom Live and CNN Money.

#### **Focus Areas**

- Wildland Fire Suppression
- Airspace Management
- Wildland Fire Operations
- Training Curriculum Development
- Training Course Delivery
- Prescribed Fire Planning
- Expert Witness
- Fire Behavior Modeling
- All-Hazards Incident Management Team (AHIMT)
- Smoke Management

## **Employment Experience**

- International Association of Wildland Fire (IAWF), Contributing Editor, Wildfire Journal
- Tribal Emergency Management Association (iTEMA), Chief Operating Officer (COO)
- USDI Bureau of Indian Affairs, National Interagency Fire Center (NIFC), Training/Intelligence
- USDA Forest Service, Heli-Rappeller
- USDI National Park Service, Assistant Engine Captain
- USDI Bureau of Land Management, Helitack Senior Firefighter

# Education

- Graduate Certificate, Entrepreneurship, Tuck School of Business at Dartmouth
- Graduate Studies, Forest and Fire Ecology, University of Idaho

# Education (cont'd)

- Florida Certified Burn Manager, Hillsborough Community College
- BS Wildlife & Fisheries Ecology, Oklahoma State University

#### Accolades

- U.S. Small Business Administration (SBA), 2012 National,
   Region VI and Oklahoma Young Entrepreneur of the Year
- National Center for American Indian Enterprise Development (NCAIED), 40 Under 40
- President Obama's Committee on Small Business, Young Entrepreneur Series (YES) Panelist, WhiteHouse.gov

### **Professional Licensure**

- National Wildfire Suppression Association (NWSA), Lead Instructor
- Oklahoma Office of Homeland Security, Advanced NIMS Instructor #1107

### Qualifications

- TFLD Task Force Leader
- RXB2(T) Prescribed Fire Burn Boss, Type 2
- ICT4 Incident Commander, Type 4
- TNSP(T) Incident Training Specialist

#### Training

- HAZWOPER
- IS-800 Introduction to National Response Framework
- IS-700 Introduction to NIMS
- ICS-400 Advanced Incident Command System (ICS)
- ICS-300 Intermediate ICS
- S-390 Introduction to Fire Behavior Calculations
- S-300 Incident Commander, Extended Attack

# **Noteworthy Assignments**

- USDI Bureau of Indian Affairs, Acting Fire Management Officer (FMO), Northern Cheyenne Agency, Montana, 2008
- USDI Bureau of Indian Affairs, Acting Forest Manager, Northern Cheyenne Agency, Montana, 2008
- Agency Representative (AREP) on the following NWCG Committees: Training, Smoke Management and Fire Environment
- MS Canyon Deepwater Horizon Oil Spill ICP, 61 days total



# Mark Morales | Project Manager

CHLOETA | 2501 Liberty Pkwy, Ste. 176 | Midwest City, OK 73110 | 877.245.6382 | chloetafire.com

### **Profile**

Mark Morales is a senior natural resources professional with over twenty-nine (29) years of experience managing wildland fire operations and plans. Morales most recently served as Assistant Fire Management Officer (AFMO) for the Ozark-St. Francis and Ouachita National Forests in Arkansas in Oklahoma, where he managed a wildland fire program that averaged 125,000 acres of prescribed burning and 100 wildfires per year. Morales is NWCG qualified as an Incident Commander, Type 1 (ICT1) and is the deputy incident commander on the Southern Area Blue Team, a Type 1 Incident Management Team.

### **Employment Experience**

- Assistant Forest Fire Management Officer, (FMO) USDA Forest Service Ozark/St. Francis & Ouachita National Forest
- District Fire Management Officer (DFMO), USDA Forest Service
- Interagency Hotshot Crewmember, USDA Forest Service National Forests in North Carolina
- Supervisory Accounting Technician, USDA Forest Service

#### **Education**

- Bachelor of Business Administration, Arkansas Tech University
- Technical Fire Management, Oregon State University

#### **Awards**

- 2013 MORGAN'S CHOICE AWARD, (Morgan Nick Foundation) For the safe recovery of Landen Trammell in recognition of a true champion committed to the protection of children everywhere and working diligently to make the world a safer place
- 2009 REGIONAL FORESTERS AWARD Emergency Response award – Ozark St. Francis National Forest
- FY 2010 EMERGENCY RESPONSE AWARD, Ozark-St. Francis National Forests, Big Piney Ranger District. For providing emergency response beyond the call of duty during the Twin Falls Search and Rescue mission in the Richland Creek Wilderness Area
- FY 2006 PARTNERSHIP AWARD, Ozark-St. Francis National Forests, Bayou/Buffalo Ranger District component of the Ozark Highlands Pine-Oak Woodland Restoration

#### Qualifications

- ICT1 Incident Commander, Type 1
- ICT2 Incident Commander, Type 2
- OSC1 Operations Section Chief, Type 1
- OSC2 Operations Section Chief, Type 2

### **Training**

- S-300 Extended Attack Incident Commander
- S-330 Task Force/Strike Team Leader
- S-336 Fire Suppression Techniques
- S-339 Divison/Group Supervisor
- S-378 Air Tactical Group Supervisor
- S-390 Introduction to Wildland Fire Behavior Calculations
- S-420 Command and General Staff
- S-430 Operations Section Chief
- S-490 Advanced Fire Behavior Calculations
- S-491 National Fire Danger Rating System
- S-520 Advanced Incident Management
- 1900-1 National Environmental Policy Act
- USFS Using ArcView GIS
- Heritage Resource Technician
- NR 432 Foundations of National Forest Lands
- Level I COR/Inspector

#### **Professional Publications**

- Restoring the Interior Ozark Highlands, by Mark Morales
   John Andre and McRee Anderson
- Collaborative Partnerships and Landscape-Scale Fire Restoration on the Bayou Ranger District in the Interior Highlands of the Interior Highlands of Arkansas, by McRee Anderson, John Andre, Mark Morales, Scott Simon, and Theo Whitsell

## **Noteworthy Assignments**

- 2012 Superstorm Sandy, Southern Area Type 2 Team Incident Commander Type 2
- 2011 West Texas Initial Attack, Southern Area Type 2 Team Incident Commander Type 2



# Jacob Teehee | Project Manager

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

### **Profile**

Mr. Teehee is a mid-career professional with extensive experience in Environmental, Health and Safety (EHS) real world experience. He is an experienced all-hazards incident responder, Cherokee Nation tribal citizen and Iraq combat veteran.

#### **Focus Areas**

- Radio & Personal Communications
- Prescribed Fire Operations
- Emergency Medical Services (EMS)
- Medical Instruction
- Wildland Fire Suppression
- Global Positioning Systems (GPS)
- Hazardous Materials
- Interagency Coordination

### **Employment Experience**

- CHLOETA, Forest Ranger (Senior Firefighter)
- CHLOETA, Forest Ranger (Wildland Firefighter)
- Keller Williams Realty, Licensed Realtor
- Certified Fitness Consultant
- Fire Extinguisher Inspector
- U.S. Army, Infantryman

### **Education**

 AAS Municipal Fire Protection & Emergency Management Oklahoma State University—Oklahoma City (OSU-OKC)

## **Awards**

- Army Commendation Medal
- Army Good Conduct Medal

# **Professional Organizations**

- National Association of Realtors
- Chamber of Commerce

#### Qualifications

- EMTB Emergency Medical Technician Basic
- FFT2 Firefighter Type 2
- FFT1(T) Firefighter Type 1
- ICT5(T) Incident Commander Type 5
- FAL3 Beginner Faller/Sawyer

### **Training**

- S-130 Firefighter Type 2
- S-190 Introduction to Wildland Fire Behavior
- L-180 Human Factors in the Wildland Fire Service
- ICS-100 Introduction to Incident Command System (ICS)
- EMTB Emergency Medical Technician Basic
- CPR for Healthcare Providers
- NFPA 1001 Firefighter I
- NFPA 472 Hazardous Materials First Responder
- IS-700 Introduction to National Incident Management System (NIMS)
- A-101 Aviation Safety
- CF-210 Smoke Management
- U.S. Army Combat Lifesaver Course
- U.S. Army Air Assault

## **Professional Licensure**

- American Safety & Health Institute (ASHI), Level 7 Instructor
- International Code Council, Fire Extinguisher Technician
- International Code Council, Industrial Fire Systems Technician
- National Registry Emergency Medical Technician Basic (EMTB)
- Oklahoma Real Estate Commission, Sales Associate
- National Academy of Sports Medicine, Personal Trainer



# Paul Cano | Cadre

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

### **Profile**

Mr. Cano has over twenty (20) years of extensive wildland fire, wildland-urban interface, Incident Command System (ICS) and National Incident Management System (NIMS) experience in Indian Country. He is an expert in the complexities of southern California wildland fire and all-hazards incident operations and is a qualified and experienced Lead Instructor for many National Wildfire Coordinating Group (NWCG), ICS and NIMS incident management courses. He has consulted numerous private sector clients in the property insurance and energy industries with regard to wildland fire and all-hazards incident management.

#### **Focus Areas**

- Budget and Personnel Administration
- Labor Negotiations
- Structural and Wildland Fire Suppression
- Incident Command
- Fire Prevention and Inspection
- Fire Codes and Ordinance
- Building Construction
- Building Codes
- Fire Protection and Water Systems
- Arson Investigation
- Emergency Medical Services (EMS)
- Ambulance Operations
- Dispatching and Communications
- Fire Department Professional Development
- Fire Station Design and Development
- Hazardous Materials
- Geographic Information Systems (GIS)

## **Employment Experience**

- CHLOETA, Cadre
- Firestorm WFS, Inc, Loss Prevention Consultant
- Wildfire Defense Systems, Operations Chief
- Firestorm WFS, Inc, Operations Manager
- Pauma Band of Mission Indians, Fire Chief
- USDI Bureau of Land Management, Engine Captain
- Pauma Band of Mission Indians, Fuels Supervisor
- USDI Bureau of Indian Affairs, Assistant Fire Management Officer (AFMO)/Battalion Chief
- USDA Forest Service, Engine Captain
- USDA Forest Service, Helitack Crewmember

## **Employment (continued)**

 USDA Forest Service, Level 2 Law Enforcement/Prevention Officer

### **Education**

- California State Certified Fire Officer, Ben Clark Training Center, Riverside, CA
- California State Fire Marshal FFI Certificate, Sycaun DQ Campus, El Cajon, CA
- AA Fire Science, USDA Forest Service Fire Academy, Hartnell College, Honors Roll, Salina, CA
- Florida Prescribed Fire School, Tallahassee, FL

### Awards | Affiliations

- Honor Roll, USDA Forest Service Fire Academy
- Letter of Appreciation, Southern California Tribal Resources Consortium
- Member, California Firefighters Association
- Subject Matter Expert (SME), National Interagency Fire Center (NIFC), Training Committee

#### Qualifications

- Class B Driver's License
- Level 2 Law Enforcement Certified (SEC2), USDA Forest Service
- Certified Fire Investigator I, California State Fire Marshal
- Certified Training Officer, California State Fire Marshal
- Certified Company Officer, California State Fire Marshal
- RXB2 Prescribed Fire Burn Boss, Type 2
- Certified Fire Instructor, California State Fire Marshal
- ENGB Engine Boss

- S-190 Introduction to Wildland Fire Behavior
- M-410 Facilitative Instructor
- ICS-100 Introduction to Incident Command System (ICS)
- ICS-200 ICS for Initial Action Incidents
- ICS-300 Intermediate ICS
- ICS-400 Advanced ICS
- S-290 Intermediate Wildland Fire Behavior
- S-215 Fire Operations in the Wildland-Urban Interface (WUI)
- IS-700 Introduction to NIMS



# Carl Carlson, RF | Senior Forester

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

### **Profile**

Mr. Carlson serves as Chloeta's Staff Forester at the Project Manager level. He has over twenty (20) years of experience as a professional forester within the industry.

#### **Focus Areas**

- Timber Harvest Layout
- Timber Management
- Harvest, Planting, Thinning
- Timber Stand Improvement (TSI)
- Prescribed Burning
- Global Position Systems (GPS)
- Global Information Systems (GIS)
- Forest Mensuration
- Wildland Fire Suppression
- Dendrology

## **Employment Experience**

- Arkansas Military Department, Fort Chaffee Joint Maneuver Training Center (FCJMTC), Installation Forester and Wildland Fire Program Manager
- Plum Creek/Georgia Pacific Timber Companies, Arkansas,
   District Forester

## **Education**

 BS in Forest Business, Minor Business Management University of Arkansas - Monticello

## **Professional Licensure**

- Registered Forester (RF) #769, Arkansas Forestry Commission
- Army Heavy Equipment/Bulldozer Operator

## Qualifications

- FFT2 Basic Firefighter
- FFT1(T) Advanced Firefighter/Squad Boss
- ICT5(T) Incident Commander, Type 5

- Arkansas Prescribed Fire Council, Prescribed Fire as a Management Tool
- S-110 Introduction to Wildland Fire
- S-130 Basic Firefighter
- S-190 Introduction to Wildland Fire Behavior
- L-180 Human Factors in the Fire Service
- I-100 Introduction to Incident Command System (ICS)
- ArcGIS Desktop III: GIS Workflows and Analysis



# Chet W. Dodrill | CFO

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

#### **Profile**

Mr. Dodrill has been with CHLOETA since 2011 as administrative officer and chief financial officer. He has a background in urban planning, finance, and logistics and is an expert and frequent speaker on wildland urban interface planning and mitigation. Chet is also an expert in incident business management practices.

#### **Focus Areas**

- Wildland Urban Interface (WUI) Planning
- Hazard Mitigation Planning
- Prescribed Fire
- Incident Business Management
- Contract Administration
- Financial Management
- Small Business Development

# **Employment Experience**

- Chloeta Fire, Chief Financial Officer (CFO)
- Chloeta Fire, Administrative Officer (AO)
- Tribal Emergency Management Association (iTEMA), Chief Financial Officer (CFO)

## **Accolades**

- Session speaker at 2015 Colorado Wildland Fire Conference ("Wildland Fire in the Military")
- Session speaker at 2014 Oklahoma APA Conference ("Resiliency to Fire and Ice")
- Session speaker at 2013 Oklahoma APA Conference ("Reimagine Shawnee")
- Session speaker at 2013 Oklahoma Historical Society Statewide Preservation Conference ("Oklahoma Students in Oklahoma's Small Towns")
- Public meeting facilitator/presenter at 2012 downtown revitalization meeting for City of Shawnee, OK
- National Merit Commended Scholar
- High School Valedictorian

## **Professional Organizations**

- Member, American Planning Association
- Committee Member, Oklahoma APA Audit Committee

#### **Education**

- MS Regional and City Planning, University of Oklahoma
- BBA Supply Chain Management, University of Oklahoma
- BBA Finance, University of Oklahoma

# **Agencies**

- General Services Administration (GSA)
- USDA Forest Service
- US Army Corps of Engineers
- USDI Fish & Wildlife Service
- USDI National Park Service

#### **Professional Certifications**

- NFPA Assessing Hazards in the Home Ignition Zone Certificate of Educational Achievement
- NACCHO/APA Health Impact Assessor

#### **Training**

- ICS-300 Intermediate ICS for Expanding Incidents
- ICS-400 Advanced ICS for Command & General Staff
- IS-42 Social Media in Emergency Management
- IS-100 Incident Command System (ICS), an Introduction
- IS-200 ICS for Single Resources and Initial Action Incident
- IS-235 Emergency Planning
- IS-700 National Incident Management System (NIMS), an Introduction
- IS-701 NIMS Multiagency Coordination Systems
- IS-800 National Response Framework, An Introduction
- D-110 Expanded Dispatch Recorder
- S-133 Look Up, Look Down, Look Around
- Bloodborne Pathogens
- Equal Employment Opportunity
- Infection Control
- QuickBooks Pro Intermediate
- Facilitation Skills
- Proposal Preparation
- Hazmat Awareness
- NFPA Assessing Hazards in the Home Ignition Zone
- ESRI ArcGIS

# Qualifications

- EDRC(T) Expanded Dispatch Recorder
- FSC3(T) Finance/Administration Section Chief



# William Roller | Duty Officer

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

#### **Profile**

Mr. Roller is a mid-career professional in natural resources with extensive wildland fire suppression and ecological management experience.

#### **Focus Areas**

- Ecosystem Management
- Wildland Fire Suppression
- High Reliability Organizations (HRO)
- Interagency Hotshot Crews (IHC)
- Rangeland Ecology
- Field Botany
- Global Position Systems (GPS)
- Geographic Information Systems (GIS)

### **Employment Experience**

- Chloeta Fire, Forest Ranger (Captain)
- USDA Forest Service, Tonto National Forest, Captain
- USDA Forest Service, Globe IHC, Senior Firefighter

### **Education**

BS Agricultural Education, University of Wyoming

## Skills

- Heavy Equipment Operation
- Skid Steer
- Backhoe
- Farm Tractor
- Straight Box Truck
- Forklift Operator

#### Qualifications

- ENGB Single Resource Boss, Engine
- ICT4 Incident Commander, Type 4
- ICT5 Incident Commander, Type 5
- FIRB Single Resource Boss, Firing
- FAL2 Intermediate Sawyer/Feller
   FFT1 Advanced Firefighter, Type 1
- HEQB(T) Single Resource Boss, Heavy Equipment
- SEC2 Security Specialist Level 2
- HELR Helicopter Long Line/Remote Hook Specialist
- RXB2(T) Prescribed Fire Burn Boss, Type 2

- A-219 Interagency Aircraft Transportation of External Loads
- USDA Forest Service Defensive Driving
- USDA Forest Service Forest Protection Officer (FPO)
- I-200 Basic ICS
- I-300 Intermediate ICS
- IS-700 Introduction to NIMS
- IS-800 Introduction to NRF
- L-280 Followership to Leadership
- L-380 Fireline Leadership
- M-410 Facilitative Instructor
- USDA Forest Service No Fear Act
- 29 CFR 1960 OSHA Rights and Responsibilities
- BBP Bloodborne Pathogens
- Emergency Evacuation Plans
- Hazardous Materials
- Hazardous Communications
- MSDS Books
- DOT Emergency Response Guidebook (ERG)
- Confined Spaces
- PPE Personal Protective Equipment
- Respiratory Protection Program
- Hearing Protection
- Stress Reduction
- Wellness
- Fire Extinguishers
- Ninemile Wildlands Training Center, Ninemile Wilderness Livestock Packing Clinic
- DOI Integrated Pest Management & Pesticide Applicator Certification
- USDA Forest Service Reasonable Accommodation
- RX-301 Prescribed Burn Implementation
- RX-341 Prescribed Fire Plan Preparation
- S-200 Initial Attack Incident Commander
- S-190 Introduction to Wildland Fire Behavior
- I-100 Introduction to ICS
- L-180 Human Factors in the Wildland Fire Service
- S-131 Advanced Firefighter, Type 1
- S-133 Look Up, Look Down, Look Around
- S-211 Portable Pumps and Water Use
- S-191 Introduction to Fire Signature Predictions, Campbell Prediction System (CPS)



# Jacob Whitlock | AFMO Logistics

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

### **Profile**

Mr. Whitlock possesses sixteen (16) years of experience in wildland fire, all-hazards incident management and EMS. He currently oversees all logistical support to Chloeta operational resources and all manufacturing operations. While employed by the California Department of Forestry and Fire he was a member of the elite Vina Helitack crew, a helicopter based firefighting crew.

#### **Focus Areas**

- Emergency Medical Services (EMS)
- First Aid/CPR/AED
- Pre-hospital Trauma Care
- Fire Apparatus Manufacturing
- Emergency Vehicle Upfitting
- Helicopter Short Haul Rescue
- Aerial Ignition

### **Employment Experience**

- Chloeta Fire, Forest Ranger (Captain)
- Oklahoma Cooperative Extension Service, Program Assistant
- Jay (OK) Fire Department, Medical Technician (EMT)
- California Department of Forestry and Fire (CAL FIRE), Fire Apparatus Engineer
- California Department of Forestry and Fire, (CAL FIRE) Firefighter I
- California Department of Forestry and Fire (CAL FIRE), Helitack Firefighter
- Corning (CA) Rural Volunteer Fire Department, Equipment Captain

#### Education

- AAS Paramedical Science, Crowder College
- AS Fire Technology, College of the Siskiyous
- Firefighter Training, Shasta College

# **Community Involvement**

- 4-H Club Leader
- 4-H Parent Volunteer
- Paskenta Pioneer Day Committee Member
- Corning Youth Little League Baseball Coach

#### **Professional Licensure**

State of Oklahoma, EMS Licensure

### Qualifications

- ENGB Engine Boss
- EMTP Paramedic EMT
- EMTB Basic EMT
- ICT5(T) Incident Commander Type 5
- FAL2 Intermediate Sawyer/Feller
- FFT1 Advanced Firefighter/Squad Boss

- ICS-200 Intermediate Incident Command System (ICS)
- ICS-300 Advanced Incident Command System (ICS)
- IS-700 National Incident Management System (NIMS), an Introduction
- IS-800a National Response Plan, An Introduction
- FI-110 Fire Investigation: Wildland Fire Observation and Origin Scene Protection
- L-180 Human Factors on the Fireline
- S-133 Look Up, Look Down, Look Around
- S-130 Firefighter Training
- S-134 Lookouts, Communications, Escape Routes
- S-190 Intro to Wildland Fire Behavior
- S-211 Portable Pumps and Water Use
- S-212 Wildland Power Saws
- S-215 Fire Operations in the Wildland Urban Interface
- S-290 Intermediate Fire Behavior
- Hazardous Materials Technician
- Hazardous Materials First Responder Awareness
- Helispot Manager
- Helitack Operations and Safety
- Short Haul Rescue
- Defensive Driving
- Auto Extrication
- Confined Space Rescue Awareness
- Low Angle Rope Rescue Operational
- Emergency Vehicle Operations
- Flashover Recognition and Survival



# Timothy Stanton, CF | Fire Management Officer

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

#### **Profile**

Mr. Stanton is a senior executive level natural resources professional and oversees all wildland fire and forestry field operations for CHLOE-TA since retiring from the Missouri Department of Conservation (MDC) as the Regional Forestry Supervisory. He possesses thirty-six (36) years of wildland fire, forestry, prescribed fire and all-hazards incident management team experience. He is one of only a handful of qualified NWCG Safety Officer, Type 2 personnel in the nation and remains active nationally in wildland fire response and prescribed fire operations.

#### **Focus Areas**

- High Risk Organizations (HRO)
- Crew Resource Management (CRM)
- Safety in High Risk Environments
- Wildland Fire Suppression
- Prescribed Fire Operations & Planning
- Incident Leadership
- Lessons Learned
- Facilitated Learning Analysis (FLA)
- Private Lands Resource Management
- Timber Sale Layout
- Timber Cruising/Marking
- Common Stand Exam
- Timber Harvest
- Contract Management

### **Employment Experience**

- Chloeta Fire, Forest Ranger (Captain)
- Missouri Department of Emergency Management, All-Hazards Incident Management Team (AHIMT), Command Staff
- Missouri Department of Conservation (MDC), Southwest Regional Forestry Supervisor
- Missouri Department of Conservation (MDC), Forestry District Supervisor
- Missouri Department of Conservation (MDC), Resource Forester
- USDA Forest Service, AD/EFF Wildland Firefighter
- Missouri Department of Conservation (MDC), Assistant Resource Forester

## **Professional Licensure**

- Certified Forester (CF), Society of American Foresters (SAF)
- National Wildfire Suppression Association (NWSA) Certified Lead Instructor
- Missouri Forest Products Association Professional Timber Harvester

#### Education

BS Forest Management, University of Missouri

#### Qualifications

- SOF2 Safety Officer, Type 2
- DIVS Division/Group Supervisor
- TFLD Task Force Leader
- STCR Strike Team Leader, Crews
- CRWB Single Resource Boss, Crew
- ENGB Single Resource Boss, Engine
- FIRB Single Resource Boss, Firing
- RXB1(T) Prescribed Fire Burn Boss, Type 1
- RXB2 Prescribed Fire Burn Boss, Type 2
- ICT4 Incident Commander, Type 4

#### **Training**

- TDGS/STEX Tactical Decision Making Games/Sand Table Exercises
- S-430 Operations Section Chief
- S-420 Command and General Staff
- S-404 Safety Officer
- S-390 Introduction to Wildland Fire Behavior Calculations
- S-339 Division/Group Supervisor
- S-330 Task Force/Strike Team Leader
- S-270 Basic Air Operations
- S-260 Principles of Fire Business Management
- S-234 Ignition Operations
- S-230 Single Resource Boss, Crew
- S-205 Fire Operations in the Urban Interface
- M-410 Facilitative Instructor
- Supervisor's Training for Alcohol Misuse and Controlled Substances
- I-400 Incident Command System (ICS) for Command and General Staff and Complex Incidents
- I-300 Intermediate Incident Command System (ICS)
- I-220 Basic Incident Command System (ICS) and Standards for Survival
- FI-110 Fire Investigation: Wildland Fire Observation and Origin Scene Protection
- Academy for Leadership Excellence—Strategic Thinking and Action Planning, Skills for Thinking and Acting

### **Notable Incident/Projects**

- 2012 Superstorm Sandy, New Jersey, Safety Officer, Missouri All-Hazards Incident Management Team (AHIMT) Type 3 Response
- 1994 Joint Task Force Raven National Guard Training and Deployment



# Phillip Daw, CPBM | AFMO Operations

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

#### **Profile**

Mr. Daw has been a wildland fire and incident management professional for sixteen (16) years. He oversees all facets of field operations for Chloeta Fire nationally including: recruitment, hiring, project management, strategic planning and training.

#### **Focus Areas**

- Wildland Fire National Resources
- Interagency Hotshot Crew (IHC)
- Incident Leadership
- Prescribed Fire Operations
- Prescribed Fire Planning

## **Employment Experience**

- Chloeta Fire, Forest Ranger (Captain)
- USDA Forest Service, Interagency Hotshot Crewmember (IHC), Senior Firefighter
- USDA Forest Service, Heritage Resource Technician (HRT)
- USDI Bureau of Indian Affairs, AD/EFF Wildland Firefighter

#### Education

- Florida Certified Burn Manager, Hillsborough Community College
- Undergraduate Studies, Haskell Indian National University

## Accolades

- 2013 Chloeta Fire "Make it Happen" Award
- 2007 Fire Triangle Honorary Society, Flagstaff IHC, Jocko Lakes Incident, Montana

## **Professional Licensure**

- State of Illinois, Department of Natural Resources (DNR),
   Certified Prescribed Burn Manager (CPBM) #15-544
- State of Texas, Department of Agriculture, Certified Commercial Prescribed Burn Manager
- USDOT Commercial Driver Medical Card
- State of Oklahoma, Commercial Driver's License (CDL)

### Qualifications

- RXB2 Prescribed Fire Burn Boss, Type 2
- RXB3 Prescribed Fire Burn Boss, Type 3
- FAL2 Intermediate Sawyer/Feller

- TDA Certified Burn Manager's Course, PBB-602, Region 4
- A-219 Helicopter Transport External Cargo
- A-110 Aircraft Crash Survival (Basic Safety Module)
- A-110 Aviation Transport of Hazardous Materials
- A-108 Pre-flight Checklist Briefing and Debriefing (Basic Safety Module)
- A-106 Aviation Mishap Reporting (Basic Safety Module)
- A-105 Aviation Life Support Equipment (Basic Safety Module)
- A-101 Aviation Safety (Basic Safety Module)
- USDA Security Literacy and Basics
- USDA Forest Service, Performance Management for Employees and Supervisors
- USDA Forest Service, Reasonable Accommodation
- USDA Privacy
- External Aircraft Cargo Preparation & Rigging
- Helicopter Hover Hookup
- Helicopter Longline
- ASHI BFA Basic First Aid
- ASHI BBP Bloodborne Pathogens
- ASHI G2010 CPR, AED and BFA Basic First Aid Combo
- WFA Wilderness First Aid
- NSC Standard First Aid
- NSC Standard CPR
- NSC Defensive Driving
- IS-700 National Incident Management System (NIMS), an Introduction
- S-390 Introduction to Fire Behavior Calculations
- S-290 Intermediate Fire Behavior
- S-270 Basic Air Operations
- S-260 Interagency Incident Business Management
- S-234 Ignition Operations
- S-230 Single Resource Boss, Crew
- S-215 Fire Operations in the Urban Interface
- S-212 Wildfire Chainsaws
- S-211 Portable Pumps and Water Use
- CF-210 Introduction to Smoke Management
- I-200 Basic Incident Command System (ICS)
- L-180 Human Factors on the Fireline



# Moin Rahman | Principal Scientist

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

### **Profile**

Mr. Rahman possesses twenty-five (25) years of experience in industry as an engineer, human factors & ergonomics specialist, engineering psychologist and scientist. Mr. Rahman has conducted extensive research in the human factors of emergency responder and mission critical domains. His special focus is on understanding human cognition and decision making in volatile, uncertain, complex, multitasking and time-stressed situations. Mr. Rahman's pioneering research brings together evolutionary psychology, human factors, ecological psychology and embodied cognition to develop models of human cognition and decision making in high stakes situations; design decision aiding and support systems to enhance situation awareness; develop embodied-ecological user-interfaces to make wearable and portable technology second nature, particularly for first responders whose cognitive resources have been impoverished due to high stress, multitasking or high workload. His research has been applied to guide the design and testing of critical humanmachine interfaces in command & control, communication, crew resource management (CRM), transportation and identify knowledge, skill and abilities components for training first responders and supervisory personnel.

#### **Focus Areas**

- Human Factors
- High Reliability Organizations (HRO)
- Wildland Fire Management
- Crew Resource Management (CRM)

#### Education

- Bachelor of Engineering, Mechanical Engineering, PSG College of Technology, Coimbatore, India
- Master of Science, Human Factors Engineering, State University of New York at Buffalo, USA
- Full Member, Human Factors and Ergonomics Society, USA

### **Employment Experience**

- Principal/Human Factors Scientist, HVHF Sciences, Coral Springs, FL, USA
- Member of Interoperability and Emergency Medical Services Working Group, National Public Safety Telecommunications Council (NPSTC)
- Adjunct Faculty (Human Factors) at the Art Institute of Ft.
   Lauderdale
- Principal Human Factors Scientist, Motorola Solutions (Government & Enterprise Sector), Plantation, FL, USA
- Corporate Head Human Factors Specialist and Ergonomist, Aeroquip-Vickers, Inc., Maumee, OH, USA
- BCAM International, Melville, New York, USA
- Research Assistant, Center for Assistive Technology, State University of New York at Buffalo, NY, USA
- Engineer, Varta Batterie, PTE LTD, Singapore
- Engineer, Titan Watches Ltd., Hosur, India

## **Publications**

- Making under Stress conducted for member physicians:
   Doctors for America at Johns Hopkins University School of Medicine, Baltimore, MD.
- Rahman, M. (2012). Emergency Medical Responders and Physicians: Diagnostics, Decision Making and Therapeutic Care in High Stakes Situations. Proceedings of the 2012 Symposium of Human Factors and Ergonomics in Healthcare. Santa Monica, CA: Human Factors and Ergonomics Society.
- Rahman, M. (2012). High Velocity Human Factors Theory and Analysis: Military and Medical Domains. 120th Annual Convention of the American Psychological Association. Orlando, FL.
- Rahman, M. (2012). Direct Perception-Action Coupling: A Neo-Gibsonian Model for Critical Human-Machine Interactions under Stress. In *Proceedings of the Human Factors* and Ergonomics Society 56th Annual Meeting.



# **T.G. Lee** | Finance & Administration Section Chief

CHLOETA | 2501 Liberty Pkwy, Ste. 176 | Midwest City, OK 73110 | 877.245.6382 | chloetafire.com

### **Profile**

**T.G. Lee** is a senior executive with decades of experience in public health and emergency management services. He currently serves as the primary Finance & Administration Section Chief on the Chloeta All-Hazards Incident Management Team (AHIMT).

## **Employment Experience**

- Finance & Administration Section Chief, Chloeta
- AHIMT Team Manager, Chloeta
- Chief Financial Officer (CFO), Medicine Lodge Memorial Hospital, Medicine Lodge, Kansas
- Administrator and CFO, Nemaha Valley Community Hospital, Seneca, Kansas
- Administrator, Satanta District Hospital, Satanta, Kansas
- Financial Controller, Satanta District Hospital, Santanta,
   Kansas
- Air Traffic Controller, Federal Aviation Administration (FAA), Ontario, California/Tucson, Arizona
- Air Traffic Controller, E-5 Sergeant, U.S. Air Force

## **Education**

• Bachelor of Science in Human Resources Management

## **Training**

- ICS-100 Introduction to Incident Command System (ICS)
- ICS-200 Basic ICS
- ICS-300 Intermediate ICS for Expanding Incidents
- ICS-400 Advanced ICS for Complex and Large Incidents
- IS-700 Introduction to National Incident Management System (NIMS)
- IS-800 Introduction to the National Response Framework (NRF)
- O-305 All-Hazards Incident Management Team (AHIMT)

## **Professional and Community Involvement**

- Administrative Board Chairman, Medicine Lodge United Methodist Church
- Medicine Lodge City Council Member
- Medicine Lodge Golf Club Board & Treasurer
- KHA Political Advocacy Committee
- KHA Convention Planning Committee
- KHA District 6 Chairman



# Lester Tisino Jr | Cadre

CHLOETA | 2501 Liberty Pkwy Ste 176 | Midwest City, OK 73110 | 877.245.6382 | chloetafire.com

## **Profile**

Mr Tisino is a senior wildland fire professional with over 41 years of fire management experience. Tisino has previous employment experience in four federal agencies, including the USDA Forest Service and US Department of the Interior, where he served for 5 years as an Interagency Fire Management Officer for the Fish & Wildlife Service, Bureau of Indian Affairs, and Bureau of Land Management.

### **Focus Areas**

- Budget and Personnel Administration
- Aviation
- Structural and Wildland Fire Suppression
- Incident Command
- Fire Prevention and Inspection
- Fire Protection and Water Systems
- Arson Investigation
- Dispatching and Communications
- Hazardous Materials
- Geographic Information Systems (GIS)
- Fire Management Planning
- Resource Management Planning

# **Employment Experience**

- Kaibab National Forest:
  - Helicopter Manager
  - Prevention Officer
  - Fuels Management Specialist
- Coronado National Forest— District FMO
- Bureau Of Land Management—State Fuels Specialist
- USDI Bureau of Land Management, Zone FMO
- USDI Bureau of Indian Affairs, Zone FMO
- USDI United States Fish and Wildlife Service –Zone FMO
- Kisatchie National Forest, FFMO

### **Education**

Bachelor of Science in Forestry Northern Arizona University

# **Awards | Affiliations**

- Certificate of merit, 1980, 1986, 1989
- Point of Life Award, 1992 For contributions to the City of Williams, Civitan Society, and Little League Baseball.
- Letter of commendation, 1995 Grand Canyon National Park for my contributions during it's flood damage
- Letter of commendation, 1997 Grand Canyon National Park for my contributions in the KEEL Search. .
- Letter of commendation, 1997-98 Continuing Education in Ecosystem Management Course for Resource Managers 10/97, 3/98, 4/98, 6/98.
- Management Leadership WO- 9/12-17/99. Spot cash award for fuels management duties, 2002

## Qualifications

- Chauffer License
- RXB1 Prescribed Fire Burn Boss, Type 1 (non-current)
- RXFM1 Prescribed Fire Manager, Type 1 (non-current)
- OPS2 (non-current)
- ATGS (non--current)

- ICS-100, ICS-200, ICS400, IS-700, IS-800
- L-180, L-381, L-964, (SUL)
- M-410 Facilitative Instructor, M-580

  Fire in Ecosystem Management, M-581

  Fire Program Management
- \$110, \$130, \$190, \$211. \$212, \$215, \$230, \$234, \$244, \$260, \$270, \$281,\$290, \$330, \$339, \$346, \$378, \$381, \$390, \$404, \$420, \$430, \$490, \$580



# Will Chaney | Unmanned Aviation Systems

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

#### **Profile**

Mr. Chaney is a mid-career professional with expertise in Unmanned Aviation Systems (UAS) particular in high risk environments such as wildland fire and all-hazards incident management.

#### **Focus Areas**

- Aerospace Engineering
- Remote Sensing
- Light Detection and Ranging (LIDAR)
- Unmanned Aerial Vehicles (UAV)
- Unmanned Aviation Systems (UAS)
- FAA Regulatory Compliance
- Lean Six Sigma

#### **Employment Experience**

- CHLOETA, UAS Program Manager
- Chaney Aerospace, Owner
- Bulloch Fabricating, Manufacturing Engineer
- MAXSUR, Research Consultant
- Aircraft Design Course, Chief Engineer
- AIAA Design Build Fly, Project Advisor
- AIAA Design Build Fly, Project Manager

#### **Education**

 Bachelor of Science, Aerospace Engineering, University of Texas

## Skills

- Highly experienced in manufacturing and testing of UAVs
- Experienced in composite and metal fabrication
- Proficient in SolidWorks, Microsoft Word, Excel, Power-Point and MATLAB

#### **Accomplishments**

- Event Organizer, North Texas Drone User Group
- Member, Institute for Engineering Career Development
- Member, Experimental Aircraft Association
- Reconnaissance Lead, AUVSI Unmanned Air Systems
- Payloads Engineering Team Lead, AIAA Design Build Fly
- Member, AIAA Design Build Fly

#### Certificates

• Lean Six Sigma Greenbelt in Training



# James Brigance, CF | Cadre

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

#### **Profile**

Mr. Brigance has over thirty-five (35) years of experience in forestry, wildland fire, aviation and incident management.

#### **Focus Areas**

- Fixed Wing Operations
- Wildland Fire Aviation
- Single Engine Air Tanker (SEAT) Operations
- Aerial Supervision
- Airspace Management
- Training Curriculum Development
- Training Course Delivery

### **Employment Experience**

- Arkansas Forestry Commission, Statewide Training and Safety Coordinator
- Arkansas Forestry Commission, District Forester

#### **Education**

- Arkansas Governmental Manager Certificate Arkansas Public Administration Consortium
- Arkansas State Law Enforcement Academy
- BS Forest Management, Minor Wildlife University of Arkansas – Monticello

#### **Professional Licensure**

- National Wildfire Suppression Association (NWSA) Lead Instructor
- State Certified Law Enforcement Instructor
- Certified Forester (CF), Society of American Foresters (SAF)
- Registered Forester (RF), Arkansas Forestry Commission

#### Qualifications

- SOF2 Safety Officer, Type 2
- ATGS Air Tactical Group Supervisor
- SEMG Single Engine Air Tanker (SEAT) Manager
- TNSP Incident Training Specialist
- HRSP(T) Human Resources Specialist

#### **Training**

- S-445 Incident Training Specialist
- S-420 Command and General Staff
- S-378 Air Tactical Group Supervisor

# Training (cont'd)

- Project Learning Tree Facilitator Workshop
- USFS Instructor Training
- M-410 Facilitative Instructor
- DHS ICS 100/200 Train-the-Trainer
- DHS ICS 300/400 Train-the-Trainer
- FEMA Incident Command System (ICS) Train-the-Trainer
- SEAT 1 Fire Behavior
- SEAT 2 SEAT Operations
- SEAT Firefighting Tactics
- A-200 Aircraft Accident Review
- A-204 Aircraft Capabilities and Limitations
- A-203 Basic Airspace Management
- A-202 Interagency Aviation Organizations
- MH2 Aviation Firefighting: Organization, Communication and Airspace Management
- MH1 Aviation Firefighting: Basic Fire Behavior & Tactics
- A-116 General Awareness Security Training
- A-115 Automated Flight Following (AFF)
- A-113 Aircraft Crash Survival
- A-112 Mission Planning and Flight Request Process
- A-111 Flight Payment Documents
- A-110 Aviation Transport of Hazardous Materials
- A-109 Aviation Radio Use
- A-108 Preflight Checklist Briefing
- A-107 Aviation Policy and Regulations
- A-106 Aviation Mishap Reporting
- A-105 Aviation Life Support Equipment
- A-104 Overview of Aircraft Capabilities and Limitations
- A-103 FAA NOTAM System
- A-102 USFS Alaska Region Fixed Wing Operations
- A-101 Aviation Safety
- IS-804 Emergency Support Function #4 (ESF4) Firefighting
- IS-809 Emergency Support Function #9 (ESF9) Search and Rescue
- IS-704 NIMS Communications and Information Management
- IS-703a NIMS Resource Management
- IS-702a NIMS Public Information Systems
- IS-701a NIMS Multiagency Coordination
- IS-800 National Response Plan



# James Meredith | Cadre

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

#### **Profile**

Mr. Meredith is a senior level executive in the wildland fire and incident management industry with over twenty-five (35) years of experience. Prior to retirement he served on the elite National Incident Management Organization (NIMO) team based out of Atlanta. The NIMO teams are the only full-time nationwide Incident Management Teams (IMTs) in the U.S.

#### **Focus Areas**

- High Risk Organizations (HRO)
- National Incident Management Organization (NIMO)
- Incident Management Teams (IMT), Type 1 and Type 2
- Incident Procurement
- Incident Business Management
- National Wildland Fire Policy
- International Emergency Management
- Wildland Fire National Policy
- Wildland Fire National Budgetary Issues
- Interagency Relationships

# **Employment Experience**

- USDA Forest Service, Atlanta NIMO Team, Finance/ Administration Section Chief, National Interagency Fire Center (NIFC)
- USDA Forest Service, Administrative Officer

### **Education**

 BSBA Business Management Ouachita Baptist University

#### **Affiliations**

- Southern Area Red Incident Management Team (IMT), Type
   1, Finance/Administration Section Chief Alternate
- Incident Management Practitioners

#### Qualifications

- FSC1 Finance/Administration Section Chief, Type 1
- FSC2 Finance/Administration Section Chief, Type 2
- INBA Incident Business Advisor
- PROC Procurement Unit Leader
- COST Cost Unit Leader
- TIME Time Unit Leader
- COMP Compensation/Claims Unit Leader

- S-260 Interagency Incident Business Management
- S-261 Applied Interagency Incident Business Management
- S-36o Finance/Administration Unit Leader
- S-420 Command and General Staff
- S-460 Finance/Administration Chief
- M-410 Facilitative Instructor
- S-520 Advanced Incident Management
- ICS-300 Intermediate Incident Command System
- ICS-400 Advanced Incident Command System
- I-700 Intro to National Incident Management System
- I-800 Intro to National Response Framework



# Rick Dunlap | Cadre

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

#### **Profile**

Mr. Dunlap is a senior level executive within wildland fire and aviation with over twenty-five (25) years of experience in managing high-risk operations. He is a renowned expert in helicopter rappelling, helicopter operations and fixed-wing operations within the wildland fire environment.

#### **Focus Areas**

- High Risk Organizations (HRO)
- National Incident Management Organization (NIMO)
- Incident Management Teams (IMT), Type 1 and Type 2
- Incident Procurement
- Incident Business Management
- National Wildland Fire Policy
- International Emergency Management
- Logistics
- Incident Management Teams (IMTs)

#### **Employment Experience**

- USDA Forest Service, National Interagency Fire Center (NIFC), National Aviation Coordinator
- USDA Forest Service, National Interagency Fire Center (NIFC), National Fixed-Wing Coordinator
- USDA Forest Service, National Interagency Fire Center (NIFC), National Helicopter Coordinator
- USDA Forest Service, National Interagency Fire Center (NIFC), National Rappel Coordinator
- USDA Forest Service, Rappel Base Superintendent

# Qualifications

- ASGS Air Support Group Supervisor
- HEB1 Helibase Manager, Type 1
- HEB2 Helibase Manager, Type 2
- HERS Helicopter Rappel Spotter/Spotter Certifier

#### Training

- M-410 Facilitative Instructor
- M-480 Multi-Agency Coordinating (MAC) Group
- M-581 Fire Program Management
- S-130 Firefighter Training
- S-131 Firefighter Type 1
- S-133 Look Up, Look Down, Look Around
- S-134 LCES
- S-190 Introduction to Wildland Fire Behavior
- S-200 Initial Attack Incident Commander
- S-211 Portable Pumps and Water Use
- S-212 Wildland Fire Chainsaws
- S-215 Fire Operations in the Wildland/Urban Interface
- S-234 Ignition Operations
- S-230 Single Resource Boss, Crew
- S-236 Single Resource Boss, Heavy Equipment
- S-245 Display Processor
- S-248 Status/Check-in Recorder
- S-260 Interagency Incident Business Management
- RAWS Remote Automated Weather Service Maintenance
- S-271 Helicopter Crewmember
- PLDO Aerial Ignition Workshop
- S-290 Intermediate Wildland Fire Behavior
- S-300 Extended Attack Incident Commander
- S-330 Task Force/Strike Team Leader
- S-336 Tactical Decision Making in Wildland Fire
- S-330 Division/Group Supervisor
- S-371 Helibase Manager
- S-372 Helicopter Management
- S-390 Introduction to Wildland Fire Behavior Calculations
- S-378 Aerial Supervision
- S-375 Air Support Group Supervisor

### **Systems**

- ARS Aviation Resource System
- AMIS Aviation Management Information System
- AFF Automated Flight Following
- ROSS Resource Ordering and Status System
- IQCS Incident Qualification and Certification System



# Randy Nichols | Cadre

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

#### **Profile**

Mr. Nichols possesses over twenty-five (25) years of experience in wildland fire management, incident management and incident support operations.

#### **Focus Areas**

- Incident Logistics
- Emergency Operations Center (EOC)
- Coordination Center
- Prescribed Fire Planning
- Wildland Fire Suppression
- Interagency Relationships
- Aerial Ignition

## **Employment Experience**

- USDA Forest Service, Center Manager, Interagency Coordination Center
- USDA Forest Service, District Fire Management Officer (FMO)
- USDA Forest Service, District Assistant Fire Management Officer (AFMO)

#### Education

AS Forest Management

#### Qualifications

- CORD Expanded Dispatch Coordinator
- EDSP Expanded Dispatch Supervisory Dispatcher
- IADP Initial Attack Dispatcher
- ACDP Aircraft Dispatcher
- DZOP Dozer Operator

# **Training**

- D-510 Expanded Dispatch Supervisory Dispatcher
- D-312 Aircraft Dispatcher
- D-310 Expanded Support Dispatcher
- D-110 Expanded Dispatch Recorder
- ICS-400 Advanced ICS: ICS for Command and General Staff and Complex Incidents
- ICS-300 Intermediate ICS: ICS for Supervisors and Expanding Incidents
- ICS-200 Basic ICS: ICS for Single Resources and Initial Action Incidents

# Training (cont'd)

- M-410 Facilitative Instructor
- M-480 Multi-Agency Coordinating (MAC) Group
- M-581 Fire Program Management
- S-130 Firefighter Training
- S-131 Firefighter Type 1
- S-133 Look Up, Look Down, Look Around
- S-134 LCES
- S-190 Introduction to Wildland Fire Behavior
- S-200 Initial Attack Incident Commander
- S-211 Portable Pumps and Water Use
- S-212 Wildland Fire Chainsaws
- S-215 Fire Operations in the Wildland/Urban Interface
- S-234 Ignition Operations
- S-230 Single Resource Boss, Crew
- S-236 Single Resource Boss, Heavy Equipment
- S-245 Display Processor
- S-248 Status/Check-in Recorder
- S-260 Interagency Incident Business Management
- RAWS Remote Automated Weather Service Maintenance
- S-271 Helicopter Crewmember
- PLDO Aerial Ignition Workshop
- S-290 Intermediate Wildland Fire Behavior
- S-300 Extended Attack Incident Commander
- S-330 Task Force/Strike Team Leader
- S-336 Tactical Decision Making in Wildland Fire
- S-330 Division/Group Supervisor
- S-371 Helibase Manager
- S-372 Helicopter Management
- S-390 Introduction to Wildland Fire Behavior Calculations

# **Noteworthy Assignments**

- USDA Forest Service, Acting Forest Fire Staff Officer
- USDA Forest Service, Acting Forest Fire Management Officer (FMO)
- Acting Coordinator, Southern Area Geographic Coordination Center (SACC)
- Floor Leader, Southern Area Geographic Coordination Center (SACC)
- Staging Area Manager (STAM) in coordination with FEMA on multiple Gulf Coast hurricane incidents
- Coordination Center Manager on Deepwater Horizon Spill



# Tim Dedrick | Cadre

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

#### **Profile**

Mr. Dedrick is an experienced natural resources, environmental services and all-hazards incident management professional.

#### **Focus Areas**

- Ecosystem Services Conservation
- Business Model Development
- Waste-Stream to Revenue-Stream

## **Employment Experience**

- Oregon Department of Forestry (ODF), Fire Lookout
- USDA Forest Service, Civil Engineer, Facility Engineer, Transportation Planner, Forest Energy Officer, Forest Water & Wastewater Officer, Forest Hazmat Officer
- California Department of Forestry & Fire Protection (CAL FIRE), Wildland Fire Captain B

#### **Education**

Master's Business Administration (MBA), Marylhurst University, Marylhurst, Oregon; Major: Sustainable Business,
Emphasis: Renewable Energy, Thesis: Forest Biomass Management & Conservation of Ecoservices from Wildfire

# **Awards**

 named and awarded the USDA Forest Service Deputy Chief's Business Operations Green Innovation Award for initiating, envisioning, funding, and co-producing a Dept. of Energy financial feasibility assessment for Lassen National Forest solar electricity/hot water and biomass heating technology applications with a 4 year return on investment (ROI). Funding applied for and was awarded a \$75k DOE/ ARRA grant to fund the project.

#### Qualifications

- ENGB Engine Boss
- CRWB Crew Boss
- ICT4 Incident Commander, Type 4
- FFT1 Firefighter Type 1
- ATBM(T) Airtanker Base Manager
- RAMP Ramp Manager
- FWPT Fixed-wing Parking Tender
- AOBS Aerial Observer
- DRIV Driver/Operator

#### **Training**

- A-101 Aviation Safety
- A-104 Aircraft Capabilities/Limitations
- A-105 Aviation Life Support Equipment
- A-106 Aviation Mishap Reporting
- A-107 Aviation Policy and Regulation
- A-108 Preflight Check & Briefing/Debriefing
- A-109 Aviation Radio Use
- A-110 Aviation Transportation of Hazardous Materials

#### Licenses

Class B CDL with tanker, air brakes and DOT medical certificate

#### **Accomplishments**

- 2009 Timber Program curriculum development/training, co-produced with Forest Engineering Inc., a two-week training/testing sale layout course; helicopter, cable, tractor logging unit selection/layout and road system design.
   Applied for and was awarded a \$5k group training grant, leveraged this and home Forest provided additional \$5k for training.
- 2014 50-Year Biomass Business Plan Thesis authored and created; a Strategic Sustainability Business Plan for Oregon Department of Forestry, Southwest District. Business plan utilizes logging slash waste-stream to create a new niche-market model selling biomass slash to Southern Oregon University Cogeneration Project. Integrates and funds current forest management plans concepts & strategies.
- 2013 Ecosystem Services Monetization Authored and created; a Benefit-Cost-Analysis (BCA), calculates the return on investment (ROI) of four biomass management prescriptions to conserve ecosystem services versus wildfire suppression per acre, as a benefit-cost-ratio (BCR).
   Fifteen specific quantitative monetization analyses of ecosystem services, per acre.
- 2012 Utility Bill Cleanup Authored and produced; a How
  -To-Conduct-Energy-Audits booklet as a member of a national USDA Forest Service engineering enterprise team,
  Washington DC detail.



# Jason Hartman | Captain

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

#### **Profile**

Mr. Hartman is a mid-career natural resources professional with extensive prescribed fire, all hazards incident management and fire prevention/education experience.

#### **Focus Areas**

- Ecosystem Management
- Prescribed Fire Planning
- Wildland Fire Prevention/Education

#### **Employment Experience**

- Chloeta Fire, Forest Ranger (Captain)
- Kansas Forest Service, Statewide Fire Prevention Specialist
- Missouri Department of Conservation (MDC), Resource Forester
- Missouri Department of Conservation (MDC), Assistant Resource Forester
- Oklahoma State University, Rangeland Ecology and Management (RLEM) Group, Department of Plant and Soil Sciences
- USDA Forest Service, Wildland Firefighter
- Colorado State Forest Service, Wildland Firefighter

#### Education

BS Forest Management, Oklahoma State University

# **Accolades**

- Establishment of first Kansas Firewise Community USA
- Chair of Rocky Mountain Coordinating Group (RMCG) Information/Education Committee
- Kansas Prescribed Fire Council (KPFC) Steering Committee
- Assisted in drafting the Kansas Flint Hills Smoke Management Plan

#### Qualifications

- FIRB Single Resource Boss, Firing
- ENGB Single Resource Boss, Engine
- FALA Basic Sawyer/Feller
- ICT4 Incident Commander, Type 4
- RXB2 Prescribed Fire Burn Boss, Type 2
- PETM Prevention Team Leader
- FLOP Forklift Operator

- Infection Control
- BBP Bloodborne Pathogens
- EEO Equal Employment Opportunity
- S-130 Basic Firefighter
- S-390 Introduction to Fire Behavior Calculations
- S-131 Advanced Firefighter, Type 1
- S-290 Intermediate Fire Behavior
- S-234 Ignition Operations
- S-230 Single Resource Boss, Crew
- I-100 Introduction to ICS
- I-200 Basic ICS
- S-215 Fire Operations in the Urban Interface
- S-211 Portable Pumps and Water Use
- S-212 Wildland Fire Chainsaws
- S-260 Interagency Incident Business Management
- L-280 Followership to Leadership
- NFPA Backyards and Beyond Conference
- Firewise Assessing Wildfire Hazards in the Home Ignition
   Zone
- IS-700 Intro to NIMS
- S-200 Initial Attack Incident Commander
- IS-800 Intro to NRF
- P-310 Prevention Education Team Leader
- S-133 Look Up, Look Down, Look Around
- S-270 Basic Air Operations
- S-231 Single Resource Boss, Engine
- DHS National Fire Academy Command & Control Staff Functions for Local Incident Management Teams (IMTs)
- G-300 Intermediate ICS: ICS for Expanding Incidents
- G-400 Advanced ICS
- Kansas Fire & Rescue Training Institute Structural Firefighter I
- Hazardous Materials Awareness
- Hazardous Materials Operations
- O-430 NIMS All Hazards Operations Section Chief
- L-958 Operations Section Chief (DHS-110-RESP)
- FI-110 Wildland Fire Observations and Origin Scene Protection for First Responders
- Forklift Operator Safety
- S-248 Status/Check-in Recorder



# Keith Peck | Captain

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

#### **Profile**

Mr. Peck possesses thirty-five (35) years of wildland fire, forestry and prescribed fire experience. He currently serves as the Lead Captain for Chloeta Fire on a variety of wildland fire, forestry and incident management projects/incidents. He has responded to wildfires nationwide throughout his career and now also conduct prescribed fire operations nationwide as well. He serves as a primary Holding Specialist (HDSP) or Firing Boss (FIRB) on the Chloeta prescribed fire modules, responsible for completing over 20,000 acres of prescribed burning annually. He is an renowned expert in wildland fire engine operations and water handling.

#### **Focus Areas**

- Timber Stand Improvement (TSI)
- Hazardous Fuels Reduction (HFR)
- Wildland Fire Engine Operations
- Prescribed Fire Operations
- Fire Apparatus Manufacturing
- Timber Stand Cruising/Marking

# **Employment Experience**

- Chloeta Fire, Forest Ranger (Captain)
- Missouri Department of Conservation (MDC), Resource Technician

#### **Professional Licensure**

USDOT Commercial Driver Medical Certificate

#### Qualifications

- RXB2(T) Prescribed Fire Burn Boss, Type 2
- TFLD Task Force Leader
- STCR Strike Team Leader, Crews
- STOP(T) Specialty Tracked Vehicle Operator
- CRWB Single Resource Boss, Crew
- ENGB Single Resource Boss, Engine
- FIRB Single Resource Boss, Firing
- RXB3 Prescribed Fire Burn Boss, Type 3
- ENOP Engine Operator
- ATVO All Terrain Vehicle (ATV) Operator
- STEN Strike Team Leader, Engines
- ICT4 Incident Commander, Type 4
- FAL2 Intermediate Sawyer/Feller

- USFWS Heavy Equipment Course
- M-410 Facilitative Instructor
- S-200 Initial Attack Incident Commander
- L-180 Human Factors on the Fireline
- S-330 Task Force/Strike Team Leader
- S-205 Wildland Urban Interface
- S-130 Basic Firefighting
- S-190 Introduction to Wildland Fire Behavior
- NSC Defensive Driving
- S-490 Advanced Fire Behavior Calculations
- S-390 Introduction to Wildland Fire Behavior Calculations
- S-212 Wildland Fire Chainsaws
- IS-800 Introduction to NRF
- IS-700 Introduction to NIMS
- I-300 Intermediate ICS
- S-270 Basic Air Operations
- S-133 Look Up, Look Down, Look Around
- S-211 Portable Pumps and Water Use
- S-215 Fire Operations in the Urban Interface
- S-230 Single Resource Boss, Crew
- S-231 Single Resource Boss, Engine
- S-260 Interagency Incident Business Management
- I-220 Basic ICS and Standards for Survival
- EEO Equal Employment Opportunity
- Infection Control
- BBP Bloodborne Pathogens



# Stephen Swimmer | Captain

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

#### **Focus Areas**

- Smokejumping
- Aerial Ignition
- Fire Prevention/Mitigation
- Tactical Sewing

## **Employment Experience**

- USDI Bureau of Indian Affairs, Prevention/Mitigation Specialist
- USDA Forest Service, Zone Assistant Fire Management Officer (AFMO)
- USDA Forest Service, Smokejumper
- USDI National Park Service, Helitack Crewmember
- USDI Bureau of Indian Affairs, Engine Operator
- Cherokee Historical Association, Recreation Assistant/ Outdoor Performer
- Owner/Operator, Native Perspectives Art Gallery
- United States Marine Corps (USMC), Corporal E-4 MOS 1391

# **Education**

- Undergraduate Studies, Sports and Recreation Management, Ashford University
- Technical Fire Management (TFM) Certificate, Washington Institute
- AS Architectural Drafting, Haskell Indian Nations University

### **Additional Languages**

• Cherokee—Spoken and Written

### Qualifications

- SMKJ Smokejumper
- FIRB Single Resource Boss, Firing
- RXB2 Prescribed Fire Burn Boss, Type 2
- HECM Helicopter Crewmember
- ICT4 Incident Commander, Type 4
- ENGB Single Resource Boss, Engine
- CRWB Single Resource Boss, Crew
- RXCB Prescribed Fire Crewmember
- FFT1 Advanced Firefighter, Type 1
- INVF Wildland Fire Investigator
- FAL2 Intermediate Sawyer/Feller

#### Training

- Defensive Driving School
- NCRC Basic Cave Rescue Orientation
- OSU Basic Prescribed Fire Training
- L-180 Human Factors on the Fireline
- V-Smoke Smoke Modeling Software
- S-130 Basic Firefighter
- S-190 Introduction to Wildland Fire Behavior
- I-100 Introduction to ICS
- FI-110 Fire Investigation: Wildland Fire Observations and Origin Scene Protection for First Responders
  - S-230 Single Resource Boss, Crew
- S-131 Advanced Firefighter, Type 1
- S-134 LCES
- S-231 Single Resource Boss, Engine
- NPS Grand Canyon Fire and Aviation Training
- NPS Introduction to GPS
- NPS Aviation Crash Rescue
- NPS MD900 Aircraft GPS/Avionics Basics
- NPS Bambi Bucket Orientation
- NPS Aircraft Cargo Let Down
- NPS Helispot Manager
- Asheville Interagency Hotshot Crew (IHC)
- S-336 Fire Suppression Tactics
- S-290 Intermediate Fire Behavior
- S-281 Supervisory Concepts & Techniques
- S-270 Basic Air Operations
- S-260 Incident Business Management
- S-244 Field Observer
- S-234 Ignition Operations

# **Affiliations**

- Cherokee Runners, President/Co-Founder
- USA Track and Field, Level 1 Coach
- Road Runners Clubs of America, Level 1 Running Coach
- International Sports Science Association, Certified Fitness Personal Trainer

#### **Professional Publications**

 Wildland Fire Prevention in the Southeast, 2005 BIA Smoke Signals Periodical



# Kevin Ludlow | Captain

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

#### **Profile**

Mr. Ludlow is a mid-career professional in natural resources with extensive wildland fire suppression and ecological management experience. He possesses over three (3) years of experience as a faller on wildfire incidents.

#### **Focus Areas**

- Ecosystem Management
- Timber Falling
- Wildland Fire Suppression
- Prescribed Fire
- Fleet Management

## **Employment Experience**

- CHLOETA, Forest Ranger (Captain)
   2009-2010; 2015-present
- USDA Forest Service, Ozark National Forest, Lead Firefighter
- Choctaw Nation Forestry, Single Resource Boss, Crew
- USDI Bureau of Indian Affairs, Single Resource Boss, Crew

#### Qualifications

- FAL1 Advanced Faller
- ENGB Single Resource Boss, Engine
- CRWB Single Resource Boss, Crew
- RXB3 Prescribed Burn Boss, Type 3
- ICT5 Incident Commander, Type 5
- FFT1 Firefighter, Type 1
- FFT2 Firefighter, Type 2
- RXB2(T) Prescribed Burn Boss, Type 2 (Trainee)

- ICS-100, Introduction to ICS
- ICS-200, Basic ICS
- IS-700, NIMS, an Introduction
- IS-800, National Response Framework, an Introduction
- L-180, Human Factors on the Fireline
- S-130, Firefighter Training
- S-131, Firefighter Type 1
- S-133, Look Up, Look Down, Look Around
- S-190, Introduction to Wildland Fire Behavior
- S-211, Portable Pumps and Water Use
- S-212, Wildland Fire Chain Saws
- S-215, Fire Operations in the Urban Interface
- S-219, Firing Operations (Blended)
- S-230, Crew Boss, Single Resource
- S-231, Engine Boss, Single Resource
- S-234, Ignition Operations
- S-260, Interagency Incident Business Management
- S-261, Applied Interagency Business Management
- S-270, Basic Air Operations
- S-290, Intermediate Wildland Fire Behavior
- S-330, Task Force/Strike Team Leader



# Roman Watson | Private Lands Coordinator

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

#### **Profile**

Mr. Watson is a very experienced young career leader in wildland fire management. He is a respected expert in prescribed fire operations. He currently serves as the Private Lands Coordinator for Chloeta and as such is responsible for all costing, budgeting, work planning, staffing, customer service and ecological monitoring of Chloeta's private landowner, municipal and Non Governmental Organization (NGO) contracts.

#### **Focus Areas**

- Emergency Operation Center (EOC)
- Coordination Center
- Interagency Relationships
- Airspace Management
- Wildland Fire Suppression
- Private Lands Conservation
- Prescribed Fire Operations
- Prescribed Fire Planning

# **Employment Experience**

- Chloeta Fire, Forest Ranger (Captain)
- Chloeta Fire, Forest Ranger (Lead Firefighter)
- Chloeta Fire, Forest Ranger (Senior Firefighter)
- Chloeta Fire, Forest Ranger (Wildland Firefighter)
- USDI Bureau of Land Management, Aircraft and Intelligence Coordinator, Uintah Basin Fire Center
- USDI Bureau of Land Management, Seasonal Dispatcher, Rawlins District
- USDA Forest Service, Engine Crewmember
- USDI Bureau of Indian Affairs, AD/EFF Wildland Firefighter

#### Education

 Undergraduate Studies (Full Soccer Scholarship), Northeastern Oklahoma A&M College

## **Professional Licensure**

- CO/WY Interagency Single Engine Air Tanker (SEAT) Loading Qualification
- USDOT Commercial Driver Medical Card
- U.S. Government Motor Vehicle Operator's Identification Card

#### Qualifications

- FAL2 Intermediate Sawyer/Feller
- RXB2(T) Prescribed Fire Burn Boss, Type 2
- RXB3 Prescribed Fire Burn Boss, Type 3
- CRWB(T) Single Resource Boss, Crew
- FIRB Single Resource Boss, Firing
- ENGB Single Resource Boss, Engine
- FFT1 Advanced Firefighter
- ICT5 Incident Commander, Type 5
- ICT4(T) Incident Commander, Type 4
- EDRC Expanded Dispatch Recorder
- EDSD Expanded Dispatch Support Dispatcher
- ACDP Aircraft Dispatcher
- IADP Initial Attack Dispatcher
- ENOP Engine Operator

#### Training

- S-215 Fire Operations in the Wildland Urban Interface
- IS-700 Intro to NIMS
- L-180 Human Factors on the Fireline
- L-280 Followership to Leadership
- S-212 Wildland Fire Chainsaws
- S-230 Single Resource Boss, Crew
- S-231 Single Resource Boss, Engine
- S-234 Ignition Operations
- S-270 Basic Air Operations
- S-290 Intermediate Wildland Fire Behavior
- B-3 Basic Safety Module, Combination Helicopter and Fixed -wing Aircraft Safety
- ECSI Wilderness First Aid
- Oil & Gas HAZMAT
- CF-210 Introduction to Smoke Management

#### **Systems**

- IQCS Incident Qualification and Certification System
- FireCode
- WFDSS Wildland Fire Decision Support System
- AFF Automated Flight Following
- ROSS Resource Ordering and Status System
- AWSR Annual Wildfire Summary Report
- FAMWEB Fire and Aviation Management Web Applications
- NIFMID National Interagency Fire Management Integrated



# Jacob Moffett | Project Manager

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

#### **Profile**

Mr. Moffett is a mid-career professional in the natural resources field. In addition to serving on the nationally available prescribed fire modules he also serves as the Project Manager on the firm's forest data inventory collection contracts. Prior to joining the Chloeta team he worked as a Utility Forester and Certified Arborist.

#### **Focus Areas**

- Ecosystem Management
- Wildlife Conservation
- Forest Inventory Analysis (FIA)
- Forest Mensuration
- Prescribed Fire Operations
- Global Positioning Systems (GPS)
- Geographic Information Systems (GIS)
- Land Navigation
- Common Stand Exam
- Habitat Improvement
- Heavy Equipment Operation

## **Employment Experience**

- Chloeta Fire, Forest Ranger (Wildland Firefighter)
- Utility Forester
- Certified Arborist
- Logistician, Missouri Army National Guard
- Missouri Department of Conservation (MDC)
- Civilian Conservation Corps (CCC), Ohio

#### Education

- BS Biology & Environmental Science Drury University
- AS Natural Resource Management and Fish & Wildlife Hocking College
- Basic Wildland Firefighter
   Ohio Fire Academy

#### Accolades

- Eagle Scout
- Dean's List
- Honor Society

#### **Professional Licensure**

- Combat Lifesaver Certified
- Certified Arborist

#### Qualifications

- FFT2 Basic Firefighter
- FFT1(T) Advanced Firefighter/Squad Boss
- ICT5(T) Incident Commander, Type 5

- Ropes and Rappelling
- Orienteering
- Geographic Positioning Systems (GPS)
- Heavy Equipment Operator
- Farm Equipment Operator
- Bucket Truck Operator
- HAZWOPER Awareness
- Combat Lifesaver
- CCC Training Academy
- All Terrain Vehicle (ATV) Safety Institute (ASHI) Safety Training Course
- S-260 Interagency Incident Business Management
- L-180 Human Factors in the Wildland Fire Service
- ICS-100 Introduction to the Incident Command System (ICS)
- S-130 Basic Firefighting
- S-190 Introduction to Wildland Fire Behavior
- S-133 Look Up, Look Down, Look Around
- S-131 Advanced Firefighter



# Christopher Kopek | Fire Ecologist

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

#### **Profile**

Mr. Kopek is a mid-career professional with extensive experience in wildland fire operations, wildland fire management for resource benefit, restoration ecology and botany.

#### **Focus Areas**

- Botany
- Dendrology
- Wildland Fire Suppression
- Wildland Fire Management for Resource Benefit
- Fire Effects Monitoring
- Fuel Plot Monitoring
- Fire Behavior Modeling
- Smoke Management Modeling
- Type 1 Wildland Fire Modules (WFMs)
- Long Term Fire Behavior Analysis
- Smoke Management
- Prescribed Fire Planning
- Prescribed Fire Operations

#### **Employment Experience**

- Chloeta Fire, Forest Ranger (Wildland Firefighter)
- USDI National Park Service, Lead Fire Effects Monitor
- USDI National Park Service, Fire Effects Monitor
- Missouri Department of Conservation (MDC) Forest Inventory Analysis (FIA) Data Collection Crewmember

#### Education

BS Ecology

## Qualifications

- ATVO ATV Operator
- FFT2 Basic Firefighter
- FAL3 Basic Sawyer/Feller
- FEMO Fire Effects Monitor
- FFT1(T) Advanced Firefighter/Squad Boss
- ICT5(T) Incident Commander, Type 5

- S-110 Introduction to Wildland Fire
- S-130 Basic Wildland Firefighter
- S-190 Introduction to Wildland Fire Behavior
- L-180 Human Factors in the Wildland Fire Service
- ICS-100 Introduction to Incident Command System (ICS)
- IS-700 Introduction to National Incident Management System (NIMS)
- Defensive Driving
- ASHI CPR/AED
- ASHI BFA Basic First Aid
- ASHI BBP Bloodborne Pathogens
- ASHI Emergency Oxygen Administration
- Hazardous Materials
- Fire Extinguisher Training
- PPE Personal Protective Equipment
- ICS-200 Basic Incident Command System (ICS)
- S-131 Advanced Firefighter
- S-133 Look Up, Look Down, Look Around
- S-134 Lookouts, Communication, Escape Routes, Safety Zones (LCES)
- S-211 Portable Pumps and Water Use
- S-212 Wildfire Chainsaws
- S-234 Ignition Operations
- S-290 Intermediate Wildland Fire Behavior
- L-280 Followership to Leadership
- Ozark Upland Flora
- Missouri Stream Team
- Microsoft Excel Level 1
- Microsoft Excel Level 2
- Microsoft Access 2007 Introduction
- DOI No Fear Act
- First Responder Awareness Level (HAZWOPER)
- Federal Information System Security Awareness + Privacy Records Management (FISSA+)
- National Park Service Wireless Security Training
- Office Safety
- DOI Discrimination and Whistleblowing in the Workplace



# John Tyer | Training Specialist

CHLOETA | 1050 E 2nd St, #285 | Edmond, OK 73034 | 877.245.6382 | chloetafire.com

#### **Profile**

Mr. Tyer is an early career natural resources professional with expertise in the areas of forest management, wildlife management and forest mensuration.

#### **Focus Areas**

- Wildlife Conservation
- Forest Inventory Analysis (FIA)
- Forest Mensuration
- Prescribed Fire Operations
- Global Positioning Systems (GPS)
- Geographic Information Systems (GIS)
- Land Navigation

# **Employment Experience**

- Chloeta Fire, Forest Ranger (Wildland Firefighter)
- Missouri Department of Conservation (MDC), AD/EFF Wildland Firefighter
- Branson Frontier Adventures, Assistant Manager
- · College of the Ozarks, Landscaper

#### Education

 BS Conservation/Wildlife Management College of the Ozarks

#### **Professional Licensure**

- USDA Forest Service Forest Inventory Analysis (FIA) Certified Data Collector
- USDA Forest Service Forest Inventory Analysis (FIA) Certified Team Leader
- USDOT Commercial Driver Medical Card

#### Qualifications

- FFT2 Basic Wildland Firefighter
- ATVO All Terrain Vehicle (ATV) Operator
- DRIV Driver/Operator
- Heavy Equipment Operator

- All Terrain Vehicle (ATV) Safety Institute (ASHI) Safety Course
- S-130 Basic Wildland Firefighter
- S-190 Introduction to Wildland Fire Behavior
- L-180 Human Factors in the Wildland Fire Service
- ICS-100 Introduction to Incident Command System (ICS)
- IS-700 Introduction to National Incident Management System (NIMS)
- Tractor Trailer Driver Course
- ASHI CPR/AED
- ASHI BFA Basic First Aid
- ASHI BBP Bloodborne Pathogens
- ASHI Emergency Oxygen Administration
- Hazardous Materials
- Fire Extinguisher Training
- PPE Personal Protective Equipment

# ATTACHMENT H – FIRE FUELS REDUCTION AND VEGETATION SERVICES

Vendors proposing to receive an award through this RFQ must provide the information requested below, please mark each component that pertains to your company. Additional lines have been provided for any additional information.

# 4. SCOPE OF WORK

| SCOPE<br>4.1 | Forest Management Hand Crew Services Specification | SOUTH | NORTH | RUAL | STATE<br>WIDE |
|--------------|--|-------|-------|------|---------------|
| 4.1.1.1      | Fuels reduction                                    | Х     | X     | X    | Х             |
| 4.1.1.2      | Tree thinning                                      | X     | Х     | X    | Х             |
| 4.1.1.3      | Wildlife habitat improvement                       | Х     | X     | X    | Х             |
| 4.1.1.4      | Erosion control                                    | X     | X     | X    | X             |

| SCOPE<br>4.2 | Large Tree Removal Services | SOUTH | NORTH | RUAL | STATE<br>WIDE |
|--------------|-----------------------------|-------|-------|------|---------------|
| 4.2.1        | Large Tree Removal          | X     | X     | X    | X             |
|              |                             |       |       |      |               |
|              |                             |       |       |      |               |
|              |                             |       |       |      |               |
|              |                             |       |       |      |               |

| <b>SCOPE 4.3</b> | Forestry Equipment Specification                  | Manufacturer &<br>Model | SOUTH  | NORTH | RUAL | STATE<br>WIDE |
|------------------|---|-------------------------|--------|-------|------|---------------|
| 4.3.2.1          | Tree Shears                                       | Various                 | X      | X     | Х    | Х             |
| 4.3.2.2          | Brush Masticators – light, medium, and heavy duty | Various                 | Х      | Х     | X    | Х             |
| 4.3.2.3          | Feller Bunchers                                   | Various                 | X      | X     | X    | Х             |
| 4.3.2.4          | Forwarders  | Various                 | Х      | Х     | X    | Х             |
| 4.3.2.5          | Cut to length operators                           | Various                 | X      | X     | X    | X             |
| 4.3.2.6          | Heavy Cranes                                      |                         | NO BID |       |      |               |
| 4.3.2.7          | Wheeled Skidders                                  | Various                 | X      | Х     | Х    | Х             |
| 4.3.2.8          | Tracked Skidders                                  | Various                 | X      | Х     | X    | Х             |
| 4.3.2.9          | Tub Grinders                                      | Various                 | Х      | Х     | X    | Х             |
| 4.3.2.10         | Chippers  | Various                 | Х      | Х     | Х    | Х             |

| SCOPE<br>4.4 | Pesticide Application Specifications   | SOUTH | NORTH | RUAL | STATE<br>WIDE |
|--------------|--|-------|-------|------|---------------|
| 4.4.1        | In accordance with NRS 555, vendors must have a Nevada Custom Pest Control License |       | NO B  | ID   |               |
|              | Custom Pest Control License  |       |       |      |               |
|              |  |       |       |      |               |
| License N    | Number:  |       |       |      |               |

| SCOPE<br>4.5 | Seed Drills/Application Specifications | Manufacturer &<br>Model | SOUTH | NORTH | RUAL | STATE<br>WIDE |
|--------------|--|-------------------------|-------|-------|------|---------------|
| 4.5.2        | A animaltancel Cond Duille             |                         |       |       |      |               |
| 4.5.2        | Agricultural Seed Drills               |                         |       |       |      |               |
| 4.5.3        | No-Till Drills                         |                         |       | NO BI | D    |               |
| 4.5.4        | Rangeland Drills                       |                         |       |       |      |               |

| <b>SCOPE</b> 4.6 | <b>Hauling Services Specification</b> | SOUTH | NORTH | RUAL | STATE<br>WIDE |
|------------------|---------------------------------------|-------|-------|------|---------------|
| 4.6.1 –<br>4.6.5 | Hauling Services                      |       | NO B  | ID   |               |
|                  |                                       |       |       |      |               |
|                  |                                       |       |       |      |               |
|                  |                                       |       |       |      |               |
|                  |                                       |       |       |      |               |

| SCOPE<br>4.7 | Ground Seeders/Spreaders Specification | SOUTH | NORTH | RUAL | STATE<br>WIDE |
|--------------|--|-------|-------|------|---------------|
| 4.7.1        | Hand and Electric Broadcast Seeders    |       | NO B  | ID   |               |

| 4.8.1 Crews to apply controlled fire to natural vegetation under x x x x x x x x x x x x x x x x x x x | SCOPE<br>4.8 | Controlled Fire Specification | SOUTH | NORTH | RUAL | STATE<br>WIDE |
|--|--------------|-------------------------------|-------|-------|------|---------------|
|  | 4.8.1        |                               | Х     | X     | X    | Х             |
|  |              | specified conditions.         |       |       |      |               |
|  |              |                               |       |       |      |               |
|  |              |                               |       |       |      |               |

| SCOPE<br>4.9 | Road Construction/Maintenance<br>/Rehabilitation | SOUTH | NORTH  | RUAL | STATE<br>WIDE |
|--------------|--|-------|--------|------|---------------|
| 4.9.2.1      | Road Blazing                                     |       |        |      |               |
|              |  |       |        |      |               |
| 4.9.2.2      | Grading  |       |        |      |               |
| 4.9.2.3      | Backhoe/Trackhoe Work                            |       |        |      |               |
| 4.9.2.4      | Rock Removal                                     |       | NO BII | )    |               |
| 4.9.2.5      | Tree Removal                                     |       |        |      |               |
| 4.9.2.6      | Cut and Fill Work                                |       |        |      |               |
| 4.9.2.7      | Skid Trail Construction                          |       |        |      |               |
| 4.9.2.8      | Installation of Drainage Structures:             |       |        |      |               |
|              | A. Culverts and Bar Ditches                      |       |        |      |               |
|              | B. Rolling Dips                                  |       |        |      |               |
|              | C. Trench Drains                                 |       |        |      |               |
|              | D. Tile Drains                                   |       |        |      |               |
|              | E. Erosion Control Barriers and Structures       |       |        |      |               |
|              | F. Temporary Drainage Crossings                  |       |        |      |               |