



STATE OF OKLAHOMA STATEWIDE CONTRACT WITH Banner Fire Equipment, Inc.

This State of Oklahoma Statewide Contract is entered into between the state of Oklahoma by and through the Office of Management and Enterprise Services and Banner Fire Equipment, Inc. (“Supplier”) and is effective as of the date of last signature to this Contract.

Purpose

The State is awarding this Contract to Supplier for the provision of Firefighter’s Equipment, as more particularly described in certain Contract Documents. This Contract memorializes the agreement of the parties with respect to terms of the Contract that is being awarded to Supplier.

Now, therefore, in consideration of the foregoing and the mutual promises set forth herein, the receipt and sufficiency of which are hereby acknowledged the parties agree as follows:

1. The parties agree that Supplier has not yet begun performance of work under this Contract. Upon full execution of this Contract, Supplier may begin work. Issuance of a purchase order is required prior to payment to a Supplier.
2. The following Contract Documents are attached hereto and incorporated herein:
 - 2.1. Attachment A – Solicitation;
 - 2.2. Attachment B - General Terms
 - 2.3. Attachment C.- Statewide Contract Terms
 - 2.4. Attachment D intentionally omitted; and
 - 2.5. Portions of the Bid, Exhibit 1-5.
3. The parties additionally agree:
 - 3.1. except for and information deemed confidential by the State pursuant to applicable law, rule, regulation or policy, the parties agree Contract terms and information are not confidential and are disclosable without further approval of or notice to Supplier.

Attachments referenced in this section are attached hereto and incorporated herein.

4. Any reference to a Contract Document refers to such Contract Document as it may have been amended. If and to the extent any provision is in multiple documents and addresses the same or substantially the same subject matter but does not create an actual conflict, the more recent provision is deemed to supersede earlier versions.

**STATE OF OKLAHOMA
by and through the
OFFICE OF MANAGEMENT AND
ENTERPRISE SERVICES**

Banner Fire Equipment, Inc.

By: 
Amanda Otis (Aug 22, 2023 13:56 CDT)

By: 
Mike Benker (Aug 22, 2023 13:43 CDT)

Name: Amanda Otis

Name: Mike Benker Jr.

Title: State Purchasing Director

Title: Owner

Date: Aug 22, 2023

Date: Aug 22, 2023


Tim Tuck (Aug 22, 2023 13:56 CDT)

Reviewed & Approved by OMES Legal

ATTACHMENT A
SOLICITATION NO. 0900000564

This Solicitation is a Contract Document and is a request for proposal in connection with the Contract awarded by the Office of Management and Enterprise Services as more particularly described below. Any defined term used herein but not defined herein shall have the meaning ascribed in the General Terms or other Contract Document.

PURPOSE

The Contract is awarded as a statewide contract SW0241 for Firefighter's Equipment. For the purposes of this contract, Firefighter's Equipment is anything the firefighter wears, carries, or uses to do their job except for anything that remains attached to a vehicle.

Please Note: This does not include fire hoses. Fire hoses are available from SW001 State Use Procurement Schedule, Contract ID # 3532. The supplier is Newview Oklahoma, Inc. (ID # 0000056253).

1. Contract Term and Renewal Options

The initial Contract term, which begins on Date of award one year and there are four (4) one-year options to renew the Contract.

2. Contract Obligations

2.1 Supplier obligations are set forth below at:

2.1.1. Exhibit 1 to Attachment A

2.1.2. Exhibit 2 – Cost Workbook

2.1.3. Exhibit 3 – Firefight's Equipment – Station Wear

2.1.4. Exhibit 4 – Structural Firefight's Equipment

2.1.5. Exhibit 5 – Wildland Firefight's Equipment

Exhibit 1 to Attachment A

1.1. Supplier Responsibilities.

- 1.1.1.1.** The Supplier will provide the entire portfolio of quality Firefighter's Equipment in a timely and efficient manner.
- 1.1.1.2.** Most products listed refer to NFPA 1971 or NFPA 1971-2013. NFPA 1971 protects firefighting personnel by establishing minimum levels of protection from thermal, physical, environmental, and bloodborne pathogen hazards encountered during structural and proximity firefighting operations. NFPA 1971-2013 is a revision to some of the items listed in NFPA 1971.

1.1.2. Purchasing Process and Pricing

- 1.1.2.1.** Customers will place their own orders with the Supplier. Supplier will interact with Customers on a day-to-day basis for specific issues relating to delivery timeliness, product quality, returns, and similar concerns. Contracting Officer will be responsible for managing price changes, market basket modifications, and overall contract management.
- 1.1.2.2.** Each Exhibit lists example products; however, additional products can be purchased off the resulting contract. The brands listed are examples of the types of products needed and the listed specifications should be considered reference specifications for those products.

1.1.3. Contract Manager

- 1.1.3.1** The Supplier will provide a Contract Manager that will work with the Contracting Officer to fully implement and manage the contract. The Supplier shall make available to the Contracting Officer, technically competent personnel to accomplish the tasks and deliverables for the implementation and management of the contract. In addition, the Supplier will have a customer service unit that is dedicated to this contract to respond to user inquiries.
- 1.1.3.2** The Supplier will work closely with sub-Suppliers (if applicable) to fully implement and manage the contract.
- 1.1.3.3** The Supplier must notify the Contracting Officer of any Contract Manager change in writing within 10 calendar days of the change.
- 1.1.3.4** The Supplier must include the name and contact information of the individual who will be the Contract Manager for the term of the contract. The Contract Manager will be responsible for operation and administration of the contract by the Supplier.

1.1.4. Contract Manager's Job Duties

- 1.1.4.1. Communications with the Customer's personnel to discuss any shortages and needed substitutions.
- 1.1.4.2. Meet with any Customer's personnel via conference call to discuss any areas of concern as needed.
- 1.1.4.3. Be available to demonstrate to the Contracting Officer and to the Customer's personnel new products available on the market.
- 1.1.4.4. Maintain and update the market baskets and master price lists/catalogs and review with and distribute to the different Customers on an ongoing basis.
- 1.1.4.5. Issue credit memos and arrange for return of incorrectly shipped or deficient products.
- 1.1.4.6. Resolve any problems and/or discrepancies with the order/delivery schedules.
- 1.1.4.7. Any rebate programs or special pricing promotions which have been offered from manufacturers pass on to Customer's.

1.1.5. Service Level Requirements and Expectations

- 1.1.5.1. Mandatory Service Level Requirements.
- 1.1.5.2. This section of the document contains Mandatory Service Level Requirements that the successful Supplier is required to meet at no extra charge. Suppliers are required to indicate any inability to provide the Mandatory Service Level Requirements (as defined in the remainder of this section of the document).
- 1.1.5.3. For all products sold, Supplier must be an original manufacturer, authorized distributor, or dealer authorized by manufacturer. If requested, Supplier must be able to identify an account number with the manufacturers they represent.
- 1.1.5.4. Each product sold will have a minimum of manufacturer's standard warranty.
- 1.1.5.5. Pricing will remain fixed for the first twelve (12) months of the contract. Requests for additional increases in pricing for contract items will be limited to once a year.
- 1.1.5.6. If any prices fluctuate between the time of order and delivery, Supplier shall charge the prices in effect as of the order date.
- 1.1.5.7. The Supplier will not invoice service fees or additional costs to the Customers during the term of the contract. For instance, there will be no small order, minimum order, special order, shipping (except Rush delivery as specified 1.1.6.8.1), hazardous materials, pallet, or fuel charges or surcharges.
- 1.1.5.8. Delivery to Customers are located throughout the State, both within and outside of major metropolitan areas. Whenever possible, Customers will work with the Supplier to develop regular delivery schedules. All deliveries must be made on days and times acceptable to Customers.

1.1.5.9. Suppliers are to indicate the number of business days after receipt of order for standard orders and rush orders.

1.1.5.10. Acceptable hours for deliveries may vary by location. It is Supplier's responsibility to determine the acceptable delivery times and packing requirements for each customer at the time the first orders are placed.

1.1.6. Desirable Service Level Expectations

1.1.6.1. This section of the document contains Desirable Service Level Expectations that the Supplier is expected to perform at no extra charge. Suppliers should indicate any inability to provide the Desirable Service Level Expectations by indicating as such in response submittal. In addition, Suppliers should propose alternatives to Desirable Service Level Expectations that cannot be met.

1.1.6.2. The Supplier should respond to all communications no later than one business day.

1.1.6.3. The Supplier should strive to achieve invoice accuracy of 100%.

1.1.6.4. When an order is placed, the Supplier and the Customers should contact each other to set up the delivery schedule. Supplier should accommodate any required delivery frequencies, days and times, and should make every effort to accommodate Customers' preferences, as stated in this document or communicated.

1.1.6.4.1. The Supplier should make deliveries on dates and times acceptable to Customers. If a regular delivery day falls on a State holiday, Customers and Supplier may determine an alternate date.

1.1.6.4.2. The Supplier should deliver the products by the delivery date specified in any executed Attachment, Appendix, or Order referencing the Agreement. The Supplier should ensure delivery date standards are met 97% of the time.

1.1.6.4.3. Some Customers require inside delivery. Supplier should unload products and deliver to specified interior locations at no additional charge, if the Customer requires inside delivery. To expedite delivery, Supplier's delivery trucks should be equipped for varying dock heights.

1.1.6.4.4. Deliveries should be complete by the delivery date noted on the order, unless otherwise modified by mutual consent of the Customer and Supplier. Should an emergency situation occur, causing a delivery to be delayed until after Customer's normal delivery hours, Supplier should contact the Customer by phone no less than one (1) hour before the end of Customer's normal receiving time for late delivery approval.

1.1.6.4.5. Supplier is responsible for rescheduling delivery to a time acceptable to the Customer at no charge. If there is no mutually acceptable date and time to reschedule, or if a late delivery means the Customer should need to procure

products elsewhere, the Customer may cancel all or a portion of the late delivery at no charge.

- 1.1.6.5.** Non-Delivery: After notification of impending short or out-of-stock items, the Customer may cancel the balance of incomplete deliveries without penalty. Customer may purchase shorted items that cannot be supplied by the Supplier by date required elsewhere.
- 1.1.6.6.** Supplier should develop a plan to conduct a quarterly survey of end-users to determine the level of customer service satisfaction experienced by Customers and should conduct such a survey upon request from the Contracting Officer. Both the raw and analyzed survey results should be provided to the Contracting Officer. The following includes some of the areas to be measured on the survey: Responsiveness, Communication, Courtesy, Competence, Effectiveness, and Overall Satisfaction.
- 1.1.6.7.** The State encourages Suppliers to have online ordering capabilities, such as a dedicated website, to facilitate online orders.
- 1.1.6.8.** Respondents should be able to provide Rush Delivery to Customers within a 24 hour window.
 - 1.1.6.8.1.** Emergency/rush delivery requiring special shipping and handling will be at Customer' expense (with prior approval from the Customer). Rush delivery that occurs because of the Supplier's error will be at no additional cost.
 - 1.1.6.8.2.** All hazardous materials should be shipped per all Federal and State regulations.
 - 1.1.6.8.3.** All products should be shipped in a manner which will enable the receiving person(s) to easily check the shipment with the invoice. All individual units of measure (such as cases, rolls, pallets etc.) should have a clearly visible "vendor product label" containing the Supplier's product number, manufacturer product number, and quantity per unit of measure.
 - 1.1.6.8.4.** Suppliers are also requested to provide the number of cases of similar items if possible. (e.g. if 5 cases of pants, then label should indicate case 1 of 5, case 2 of 5 and so on.)
 - 1.1.6.8.5.** A packing slip should also be included with each shipment which should include the customer/Customer account number, customer/Customer name, customer/Customer address, ship date, purchase order number. Supplier product number per line item, line item description, quantity ordered, quantity included in the shipment, unit price, and any back ordered items.
 - 1.1.6.8.6.** Any shipping containers which are not properly marked as per these instructions may be cause for rejection.

- 1.1.6.9.** Any materials delivered in poor condition, more than the amount authorized by the requisition form or not included on the requisition form or purchase order may, at the discretion of the Customer, be returned to the Supplier at the Supplier's expense within 30 days. Credit for returned goods shall be made immediately once the Supplier receives the returned goods.
- 1.1.6.9.1.** If any product is returned to a Supplier for failure of performance, the Supplier will, at the State's discretion, refund all amounts paid to the Supplier for such product or replace the product.
- 1.1.6.9.2.** Within ten (10) days of written notification by the Customer, the Supplier should make arrangements for the return of the product.
- 1.1.6.9.3.** The Supplier should bear all shipping and insurance costs.
- 1.1.6.9.4.** Supplier should be liable for damages to the product, unless caused by fault or negligence of the Customer that occur during the return process.
- 1.1.6.10.** Supplier should provide for return of unopened items ordered in error for up to 30 calendar days from delivery.
- 1.1.6.10.1.** For all returns of unopened items or returns due to user error, returns should be provided free-of-charge as long as they occur at a regularly-scheduled delivery time. Otherwise, Customers should be responsible for all costs associated with the preparation of the product for shipping, and all shipping costs to the Supplier's nearest service location for such returns. No additional charges are allowed, including restocking fees.
- 1.1.6.10.2.** Supplier should issue a credit to Customer's account as soon as items have been received by the Supplier.
- 1.1.6.11.** The Supplier should provide each of the designated Customers a single point of contact (and a backup) to handle questions and resolve problems that arise. At least one Customer Service Representative should be available during standard business hours in the Central time zone, regardless of the time zone where Supplier is located. All service representatives should have access to information to provide immediate response to inquiries concerning the status of orders (shipped or pending), delivery information, back-order information, statewide contract pricing, contracted product offerings/exclusions, contract compliance requirements, and general product information. Representatives should be available by email, or phone (local or 800 number).
- 1.1.6.12.** The Supplier should be able to provide manufacturer price lists and its own list price lists at the State's request for the State to verify all pricing. The Supplier should have its own auditing system to verify that correct pricing is being offered to the State. In addition, the State reserves the right to audit Supplier

records to identify discrepancies. If discrepancies are found, at a minimum, the Supplier will refund the State the difference and may be subject to other legal remedies.

- 1.1.6.13.** Respondents should offer all rebates and special offers (including commercial and consumer offers) made available by the manufacturer, in addition to contracted pricing.
- 1.1.6.14.** The Supplier should guarantee its products to be free from defects in materials and workmanship, given normal use and care, over a minimum of the manufacturer's warranty period. The Supplier should agree to repair and/or immediately replace without charge (including freight both ways) to Customers any product or part thereof that proves to be defective or fails within the warranty period as specified.
- 1.1.6.15.** The State should not allow any cancellation of example Cost Workbook products without an equal and acceptable replacement approved by the Contracting Officer. (Please note: the brands listed in the Cost Workbook may not be the brands awarded and are listed only to establish example product specifications and for evaluation purposes. The brands awarded on this contract may be alternate brands with equal to specifications.) Suppliers should communicate manufacturer's discontinuation of any products to the Contracting Officer in writing within five (5) business days of notification by manufacturer. In such instances, Suppliers should work with the Contracting Officer to identify and implement alternative options that will maintain or reduce costs associated with the replacements. Suppliers should be prepared to offer detailed quarterly reports if requested by the State, displaying removed products and their suggested replacements. Suppliers should offer suggested replacements of discontinued products at least 30 days prior to substitution, including replacement product number, description, and final price.
- 1.1.6.16.** If necessary to complete a shipment on time, Supplier may request a product substitution. The product substituted should be of equal or larger quantity, equal or better quality and/or grade, at no additional cost, and the Customer should accept the substitution in writing (email is acceptable) prior to delivery. Invoices shall denote all items and quantities as ordered. Any shorted items shall be noted as "out-of-stock."
- 1.1.6.17.** State personnel may inspect and verify deliveries. Products may be matched against the packing slip and order specifications. Customers may identify and reconcile delivery discrepancies of quantity or quality after delivery. Product delivered will also be inspected at time of use and is subject to refusal/return for issues of quality.
 - 1.1.6.17.1.** Any cases damaged during loading or delivery will be rejected. Supplier should replace with like or acceptable product at no charge within two business days of notice.

- 1.1.6.17.2.** When receiving deliveries, Customers may inspect each item at the time of receipt and note any count discrepancies and visible damage on the Supplier's packing slip.
- 1.1.6.17.3.** Discrepancies or damages noted should be initialed by the Supplier's delivery agent.
- 1.1.6.17.4.** If, upon inspection at the time of receipt, products are found to be in unacceptable condition, Customer may refuse delivery and note reason on delivery receipt. Supplier's delivery agent shall initial any such notes.
- 1.1.6.17.5.** When satisfied that the shipment is in proper order and/or all discrepancies have been properly noted and initialed, the receiving person shall sign the Supplier's packing slip and retain a copy for their records.
- 1.1.6.17.6.** Customers reserve the right to reject all or part of a delivery.
- 1.1.6.17.7.** Supplier should allow ample time for these procedures at each delivery location.
- 1.1.6.18.** All invoices should reflect the prices and discounts established for the items on this contract for all orders placed by Customers.
 - 1.1.6.18.1.** Before payment is made, the State will verify that all invoiced charges are correct as per the Contract(s). Only properly submitted invoices will be officially processed for payment. Prompt payment requires that your invoices be accurate, clear, and complete in conformity with the instructions below.
 - 1.1.6.18.2.** All invoices must be itemized showing the Supplier name, remit to address, purchase order number (or purchase method and user name, if there is no purchase order), invoice number, release number if given, date of order/release, item manufacturer's name or abbreviation (if applicable), complete item description, unit of measure, quantity per unit of measure, manufacturer's product number, Supplier's catalog and/or stock numbers, contract price, quantity shipped, extended prices, shipping charges (if applicable), discounts, agency name or purchaser name, account number, and the invoice total.
 - 1.1.6.18.3.** Each invoice should contain only those products covered by the purchase order or other purchase method designated on that invoice. Invoices that have pricing other than approved contract pricing will not be considered valid invoices.
- 1.1.6.19.** The Supplier should have a robust complaint resolution procedure and a clear hierarchical path a complaint takes.
- 1.1.6.20.** Supplier's representative should be available to meet at least quarterly with the Contracting Officer to discuss contract concerns. Supplier's representative

should be available upon request of the Contracting Officer to evaluate contract implementation and performance, and to identify continuous improvement opportunities or market changes.

- 1.1.6.21.** Supplier should assist the Contracting Officer in preparing marketing tools to promote the contract relationship but be aware that inappropriate marketing communications sent directly to Customers will not be permitted. All marketing materials should be approved in advance by the Contracting Officer. Supplier should arrange for product demonstrations, product literature, and other informational support when requested by the Contracting Officer.
- 1.1.6.22.** Supplier should provide any necessary training for Customers on, at a minimum, the following topics: catalog access, order placement, and invoice processing. All training shall be coordinated through the Contracting Officer.
- 1.1.6.23.** In-Store Purchases: If the Supplier operates or has special arrangements with brick-and-mortar stores in the State of Oklahoma, the Supplier should extend contract pricing for in-store purchases. The Supplier will be expected to formulate a method to identify an Customer as such so that contract pricing will be made available for in-store purchases during check out.
- 1.1.6.24.** The State expects the Supplier to provide services in as many parts of the State of Oklahoma as possible.
 - 1.1.6.24.1.** Southwest Oklahoma (defined as areas south of I-40 and west of I-35).
 - 1.1.6.24.2.** Southeast Oklahoma (defined as areas south of I-40 and east of I-35).
 - 1.1.6.24.3.** Northwest Oklahoma (defined as areas north of I-40 and west of I-35).
 - 1.1.6.24.4.** Northeast Oklahoma (defined as areas north of I-40 and east of I-35).
- 1.1.6.25.** The State has developed the following Key Performance Metrics (KPM) which shall be used to measure Supplier's performance and delivery of services.
 - 1.1.6.25.1.** Reporting, response time, and fill rate are the KPMs deemed most crucial to the success of the overall desired service level. The Supplier shall ensure that the stated KPMs are met.

ATTACHMENT B

STATE OF OKLAHOMA GENERAL TERMS

This State of Oklahoma General Terms (“General Terms”) is a Contract Document in connection with a Contract awarded by the Office of Management and Enterprise Services on behalf of the State of Oklahoma.

In addition to other terms contained in an applicable Contract Document, Supplier and State agree to the following General Terms:

1 Scope and Contract Renewal

- 1.1** Supplier may not add products or services to its offerings under the Contract without the State’s prior written approval. Such request may require a competitive bid of the additional products or services. If the need arises for goods or services outside the scope of the Contract, Supplier shall contact the State.
- 1.2** At no time during the performance of the Contract shall the Supplier have the authority to obligate any Customer for payment for any products or services (a) when a corresponding encumbering document is not signed or (b) over and above an awarded Contract amount. Likewise, Supplier is not entitled to compensation for a product or service provided by or on behalf of Supplier that is neither requested nor accepted as satisfactory.
- 1.3** If applicable, prior to any Contract renewal, the State shall subjectively consider the value of the Contract to the State, the Supplier’s performance under the Contract, and shall review certain other factors, including but not limited to the: a) terms and conditions of Contract Documents to determine validity with current State and other applicable statutes and rules; b) current pricing and discounts offered by Supplier; and c) current products, services and support offered by Supplier. If the State determines changes to the Contract are required as a condition precedent to renewal, the State and Supplier will cooperate in good faith to evidence such required changes in an Addendum. Further, any request for a price increase in connection with a renewal or otherwise will be conditioned on the Supplier providing appropriate documentation supporting the request.
- 1.4** The State may extend the Contract for ninety (90) days beyond a final renewal term at the Contract compensation rate for the extended period. If the State exercises such option to extend ninety (90) days, the State shall notify the

Supplier in writing prior to Contract end date. The State, at its sole option and to the extent allowable by law, may choose to exercise subsequent ninety (90) day extensions at the Contract pricing rate, to facilitate the finalization of related terms and conditions of a new award or as needed for transition to a new Supplier.

- 1.5** Supplier understands that supplier registration expires annually and, pursuant to OAC 260:115-3-3, Supplier shall maintain its supplier registration with the State as a precondition to a renewal of the Contract.

2 Contract Effectiveness and Order of Priority

- 2.1** Unless specifically agreed in writing otherwise, the Contract is effective upon the date last signed by the parties. Supplier shall not commence work, commit funds, incur costs, or in any way act to obligate the State until the Contract is effective.

- 2.2** Contract Documents shall be read to be consistent and complementary. Any conflict among the Contract Documents shall be resolved by giving priority to Contract Documents in the following order of precedence:

- A.** any Addendum;
- B.** any applicable Solicitation;
- C.** any Contract-specific terms contained in a Contract Document including, without limitation, information technology terms and terms specific to a statewide Contract or a State agency Contract;
- D.** the terms contained in this Contract Document;
- E.** any successful Bid as may be amended through negotiation and to the extent the Bid does not otherwise conflict with the Solicitation or applicable law;
- F.** any statement of work, work order, or other similar ordering document as applicable; and
- G.** other mutually agreed Contract Documents.

- 2.3** If there is a conflict between the terms contained in this Contract Document or in Contract-specific terms and an agreement provided by or on behalf of Supplier including but not limited to linked or supplemental documents which alter or diminish the rights of Customer or the State, the conflicting terms provided by Supplier shall not take priority over this Contract Document or

Acquisition-specific terms. In no event will any linked document alter or override such referenced terms except as specifically agreed in an Addendum.

2.4 Any Contract Document shall be legibly written in ink or typed. All Contract transactions, and any Contract Document related thereto, may be conducted by electronic means pursuant to the Oklahoma Uniform Electronic Transactions Act.

3 **Modification of Contract Terms and Contract Documents**

3.1 The Contract may only be modified, amended, or expanded by an Addendum. Any change to the Contract, including the addition of work or materials, the revision of payment terms, or the substitution of work or materials made unilaterally by the Supplier, is a material breach of the Contract. Unless otherwise specified by applicable law or rules, such changes, including without limitation, any unauthorized written Contract modification, shall be void and without effect and the Supplier shall not be entitled to any claim under the Contract based on those changes. No oral statement of any person shall modify or otherwise affect the terms, conditions, or specifications stated in the Contract.

3.2 Any additional terms on an ordering document provided by Supplier are of no effect and are void unless mutually executed. OMES bears no liability for performance, payment or failure thereof by the Supplier or by a Customer other than OMES in connection with an Acquisition.

4 **Definitions**

In addition to any defined terms set forth elsewhere in the Contract, the Oklahoma Central Purchasing Act and the Oklahoma Administrative Code, Title 260, the parties agree that, when used in the Contract, the following terms are defined as set forth below and may be used in the singular or plural form:

4.1 **Acquisition** means items, products, materials, supplies, services and equipment acquired by purchase, lease purchase, lease with option to purchase, value provided or rental under the Contract.

4.2 **Addendum** means a mutually executed, written modification to a Contract Document.

4.3 **Amendment** means a written change, addition, correction or revision to the Solicitation.

4.4 **Bid** means an offer a Bidder submits in response to the Solicitation.

- 4.5 Bidder** means an individual or business entity that submits a Bid in response to the Solicitation.
- 4.6 Contract** means the written, mutually agreed and binding legal relationship resulting from the Contract Documents and an appropriate encumbering document as may be amended from time to time, which evidences the final agreement between the parties with respect to the subject matter of the Contract.
- 4.7 Contract Document** means this document; any master or enterprise agreement terms entered into between the parties that are mutually agreed to be applicable to the Contract; any Solicitation; any Contract-specific terms; any Supplier's Bid as may be negotiated; any statement of work, work order, or other similar mutually executed ordering document; other mutually executed documents and any Addendum.
- 4.8 Customer** means the entity receiving goods or services contemplated by the Contract.
- 4.9 Debarment** means action taken by a debaring official under federal or state law or regulations to exclude any business entity from inclusion on the Supplier list; bidding; offering to bid; providing a quote; receiving an award of contract with the State and may also result in cancellation of existing contracts with the State.
- 4.10 Destination** means delivered to the receiving dock or other point specified in the applicable Contract Document.
- 4.11 Indemnified Parties** means the State and Customer and/or its officers, directors, agents, employees, representatives, contractors, assignees and designees thereof.
- 4.12 Inspection** means examining and testing an Acquisition (including, when appropriate, raw materials, components, and intermediate assemblies) to determine whether the Acquisition meets Contract requirements.
- 4.13 Moral Rights** means any and all rights of paternity or integrity of the Work Product and the right to object to any modification, translation or use of the Work Product and any similar rights existing under the judicial or statutory law of any country in the world or under any treaty, regardless of whether or not such right is denominated or referred to as a moral right.
- 4.14 OAC** means the Oklahoma Administrative Code.
- 4.15 OMES** means the Office of Management and Enterprise Services.

- 4.16 Solicitation** means the document inviting Bids for the Acquisition referenced in the Contract and any amendments thereto.
- 4.17 State** means the government of the state of Oklahoma, its employees and authorized representatives, including without limitation any department, agency, or other unit of the government of the state of Oklahoma.
- 4.18 Supplier** means the Bidder with whom the State enters into the Contract awarded pursuant to the Solicitation or the business entity or individual that is a party to the Contract with the State.
- 4.19 Suspension** means action taken by a suspending official under federal or state law or regulations to suspend a Supplier from inclusion on the Supplier list; be eligible to submit Bids to State agencies and be awarded a contract by a State agency subject to the Central Purchasing Act.
- 4.20 Supplier Confidential Information** means certain confidential and proprietary information of Supplier that is clearly marked as confidential and agreed by the State Purchasing Director or Customer, as applicable, but does not include information excluded from confidentiality in provisions of the Contract or the Oklahoma Open Records Act.
- 4.21 Work Product** means any and all deliverables produced by Supplier under a statement of work or similar Contract Document issued pursuant to this Contract, including any and all tangible or intangible items or things that have been or will be prepared, created, developed, invented or conceived at any time following the Contract effective date including but not limited to any (i) works of authorship (such as manuals, instructions, printed material, graphics, artwork, images, illustrations, photographs, computer programs, computer software, scripts, object code, source code or other programming code, HTML code, flow charts, notes, outlines, lists, compilations, manuscripts, writings, pictorial materials, schematics, formulae, processes, algorithms, data, information, multimedia files, text web pages or web sites, other written or machine readable expression of such works fixed in any tangible media, and all other copyrightable works), (ii) trademarks, service marks, trade dress, trade names, logos, or other indicia of source or origin, (iii) ideas, designs, concepts, personality rights, methods, processes, techniques, apparatuses, inventions, formulas, discoveries, or improvements, including any patents, trade secrets and know-how, (iv) domain names, (v) any copies, and similar or derivative works to any of the foregoing, (vi) all documentation and materials related to any of the foregoing, (vii) all other goods, services or deliverables to be provided by or on behalf of Supplier under the Contract and (viii) all Intellectual Property Rights in any of the foregoing, and which are or were created,

prepared, developed, invented or conceived for the use of benefit of Customer in connection with this Contract or with funds appropriated by or for Customer or Customer's benefit (a) by any Supplier personnel or Customer personnel or (b) any Customer personnel who then became personnel to Supplier or any of its affiliates or subcontractors, where, although creation or reduction-to-practice is completed while the person is affiliated with Supplier or its personnel, any portion of same was created, invented or conceived by such person while affiliated with Customer.

5 Pricing

- 5.1** Pursuant to 68 O.S. §§ 1352, 1356, and 1404, State agencies are exempt from the assessment of State sales, use, and excise taxes. Further, State agencies and political subdivisions of the State are exempt from Federal Excise Taxes pursuant to Title 26 of the United States Code. Any taxes of any nature whatsoever payable by the Supplier shall not be reimbursed.
- 5.2** Pursuant to 74 O.S. §85.40, all travel expenses of Supplier must be included in the total Acquisition price.
- 5.3** The price of a product offered under the Contract shall include and Supplier shall prepay all shipping, packaging, delivery and handling fees. All product deliveries will be free on board Customer's Destination. No additional fees shall be charged by Supplier for standard shipping and handling. If Customer requests expedited or special delivery, Customer may be responsible for any charges for expedited or special delivery.

6 Ordering, Inspection, and Acceptance

- 6.1** Any product or service furnished under the Contract shall be ordered by issuance of a valid purchase order or other appropriate payment mechanism, including a pre-encumbrance, or by use of a valid Purchase Card. All orders and transactions are governed by the terms and conditions of the Contract. Any purchase order or other applicable payment mechanism dated prior to termination or expiration of the Contract shall be performed unless mutually agreed in writing otherwise.
- 6.2** Services will be performed in accordance with industry best practices and are subject to acceptance by the Customer. Notwithstanding any other provision in the Contract, deemed acceptance of a service or associated deliverable shall not apply automatically upon receipt of a deliverable or upon provision of a service.

Supplier warrants and represents that a product or deliverable furnished by or through the Supplier shall individually, and where specified by Supplier to perform as a system, be substantially uninterrupted and error-free in operation and guaranteed against faulty material and workmanship for a warranty period of the greater of ninety (90) days from the date of acceptance or the maximum allowed by the manufacturer. A defect in a product or deliverable furnished by or through the Supplier shall be repaired or replaced by Supplier at no additional cost or expense to the Customer if such defect occurs during the warranty period.

Any product to be delivered pursuant to the Contract shall be subject to final inspection and acceptance by the Customer at Destination. The Customer assumes no responsibility for a product until accepted by the Customer. Title and risk of loss or damage to a product shall be the responsibility of the Supplier until accepted. The Supplier shall be responsible for filing, processing, and collecting any and all damage claims accruing prior to acceptance.

Pursuant to OAC 260:115-9-5, payment for an Acquisition does not constitute final acceptance of the Acquisition. If subsequent inspection affirms that the Acquisition does not meet or exceed the specifications of the order or that the Acquisition has a latent defect, the Supplier shall be notified as soon as is reasonably practicable. The Supplier shall retrieve and replace the Acquisition at Supplier's expense or, if unable to replace, shall issue a refund to Customer. Refund under this section shall not be an exclusive remedy.

- 6.3** Supplier shall deliver products and services on or before the required date specified in a Contract Document. Failure to deliver timely may result in liquidated damages as set forth in the applicable Contract Document. Deviations, substitutions, or changes in a product or service, including changes of personnel directly providing services, shall not be made unless expressly authorized in writing by the Customer. Any substitution of personnel directly providing services shall be a person of comparable or greater skills, education and experience for performing the services as the person being replaced. Additionally, Supplier shall provide staff sufficiently experienced and able to perform with respect to any transitional services provided by Supplier in connection with termination or expiration of the Contract.
- 6.4** Product warranty and return policies and terms provided under any Contract Document will not be more restrictive or more costly than warranty and return policies and terms for other similarly situated customers for a like product.

7 Invoices and Payment

7.1 Supplier shall be paid upon submission of a proper invoice(s) at the prices stipulated in the Contract in accordance with 74 O.S. §85.44B which requires that payment be made only after products have been provided and accepted or services rendered and accepted.

The following terms additionally apply:

- A.** An invoice shall contain the purchase order number, description of products or services provided and the dates of such provision.
- B.** Failure to provide a timely and proper invoice may result in delay of processing the invoice for payment. Proper invoice is defined at OAC 260:10-1-2.
- C.** Payment of all fees under the Contract shall be due NET 45 days. Payment and interest on late payments are governed by 62 O.S. §34.72. Such interest is the sole and exclusive remedy for late payments by a State agency and no other late fees are authorized to be assessed pursuant to Oklahoma law.
- D.** The date from which an applicable early payment discount time is calculated shall be from the receipt date of a proper invoice. There is no obligation, however, to utilize an early payment discount.
- E.** If an overpayment or underpayment has been made to Supplier any subsequent payments to Supplier under the Contract may be adjusted to correct the account. A written explanation of the adjustment will be issued to Supplier.
- F.** Supplier shall have no right of setoff.
- G.** Because funds are typically dedicated to a particular fiscal year, an invoice will be paid only when timely submitted, which shall in no instance be later than six (6) months after the end of the fiscal year in which the goods are provided or services performed.
- H.** The Supplier shall accept payment by Purchase Card as allowed by Oklahoma law.

8 Maintenance of Insurance, Payment of Taxes, and Workers' Compensation

8.1 As a condition of this Contract, Supplier shall procure at its own expense, and provide proof of, insurance coverage with the applicable liability limits set

forth below and any approved subcontractor of Supplier shall procure and provide proof of the same coverage. The required insurance shall be underwritten by an insurance carrier with an A.M. Best rating of A- or better.

Such proof of coverage shall additionally be provided to the Customer if services will be provided by any of Supplier's employees, agents or subcontractors at any Customer premises and/or employer vehicles will be used in connection with performance of Supplier's obligations under the Contract. Supplier may not commence performance hereunder until such proof has been provided. Additionally, Supplier shall ensure each insurance policy includes a thirty (30) day notice of cancellation and name the State and its agencies as certificate holder and shall promptly provide proof to the State of any renewals, additions, or changes to such insurance coverage. Supplier's obligation to maintain insurance coverage under the Contract is a continuing obligation until Supplier has no further obligation under the Contract. Any combination of primary and excess or umbrella insurance may be used to satisfy the limits of coverage for Commercial General Liability, Auto Liability and Employers' Liability. Unless agreed between the parties and approved by the State Purchasing Director, the minimum acceptable insurance limits of liability are as follows:

- A.** Workers' Compensation and Employer's Liability Insurance in accordance with and to the extent required by applicable law;
- B.** Commercial General Liability Insurance covering the risks of personal injury, bodily injury (including death) and property damage, including coverage for contractual liability, with a limit of liability of not less than \$5,000,000 per occurrence;
- C.** Automobile Liability Insurance with limits of liability of not less than \$5,000,000 combined single limit each accident;
- D.** Directors and Officers Insurance which shall include Employment Practices Liability as well as Consultant's Computer Errors and Omissions Coverage, if information technology services are provided under the Contract, with limits not less than \$5,000,000 per occurrence;
- E.** Security and Privacy Liability insurance, including coverage for failure to protect confidential information and failure of the security of Supplier's computer systems that results in unauthorized access to Customer data with limits \$5,000,000 per occurrence; and
- F.** Additional coverage required in writing in connection with a particular Acquisition.

- 8.2** Supplier shall be entirely responsible during the existence of the Contract for the liability and payment of taxes payable by or assessed to Supplier or its employees, agents and subcontractors of whatever kind, in connection with the Contract. Supplier further agrees to comply with all state and federal laws applicable to any such persons, including laws regarding wages, taxes, insurance, and Workers' Compensation. Neither Customer nor the State shall be liable to the Supplier, its employees, agents, or others for the payment of taxes or the provision of unemployment insurance and/or Workers' Compensation or any benefit available to a State or Customer employee.
- 8.3** Supplier agrees to indemnify Customer, the State, and its employees, agents, representatives, contractors, and assignees for any and all liability, actions, claims, demands, or suits, and all related costs and expenses (including without limitation reasonable attorneys' fees and costs required to establish the right to indemnification) relating to tax liability, unemployment insurance and/or Workers' Compensation in connection with its performance under the Contract.

9 Compliance with Applicable Laws

- 9.1** As long as Supplier has an obligation under the terms of the Contract and in connection with performance of its obligations, the Supplier represents its present compliance, and shall have an ongoing obligation to comply, with all applicable federal, State, and local laws, rules, regulations, ordinances, and orders, as amended, including but not limited to the following:
- A.** Drug-Free Workplace Act of 1988 set forth at 41 U.S.C. §81.
 - B.** Section 306 of the Clean Air Act, Section 508 of the Clean Water Act, Executive Order 11738, and Environmental Protection Agency Regulations which prohibit the use of facilities included on the EPA List of Violating Facilities under nonexempt federal contracts, grants or loans;
 - C.** Prospective participant requirements set at 45 C.F.R. part 76 in connection with Debarment, Suspension and other responsibility matters;
 - D.** 1964 Civil Rights Act, Title IX of the Education Amendment of 1972, Section 504 of the Rehabilitation Act of 1973, Americans with Disabilities Act of 1990, and Executive Orders 11246 and 11375;
 - E.** Anti-Lobbying Law set forth at 31 U.S.C. §1325 and as implemented at 45 C.F.R. part 93;

- F.** Requirements of Internal Revenue Service Publication 1075 regarding use, access and disclosure of Federal Tax Information (as defined therein);
 - G.** Obtaining certified independent audits conducted in accordance with Government Auditing Standards and Office of Management and Budget Uniform Guidance, 2 CFR 200 Subpart F §200.500 et seq. with approval and work paper examination rights of the applicable procuring entity;
 - H.** Requirements of the Oklahoma Taxpayer and Citizen Protection Act of 2007, 25 O.S. §1312 and applicable federal immigration laws and regulations and be registered and participate in the Status Verification System. The Status Verification System is defined at 25 O.S. §1312, includes but is not limited to the free Employment Verification Program (E-Verify) through the Department of Homeland Security, and is available at www.dhs.gov/E-Verify;
 - I.** Requirements of the Health Insurance Portability and Accountability Act of 1996; Health Information Technology for Economic and Clinical Health Act; Payment Card Industry Security Standards; Criminal Justice Information System Security Policy and Security Addendum; and Family Educational Rights and Privacy Act; and
 - J.** Be registered as a business entity licensed to do business in the State, have obtained a sales tax permit, and be current on franchise tax payments to the State, as applicable.
- 9.2** The Supplier's employees, agents and subcontractors shall adhere to applicable Customer policies including, but not limited to acceptable use of Internet and electronic mail, facility and data security, press releases, and public relations. As applicable, the Supplier shall adhere to the State Information Security Policy, Procedures, Guidelines set forth at https://omes.ok.gov/sites/g/files/gmc316/f/InfoSecPPG_0.pdf. Supplier is responsible for reviewing and relaying such policies covering the above to the Supplier's employees, agents and subcontractors.
- 9.3** At no additional cost to Customer, the Supplier shall maintain all applicable licenses and permits required in association with its obligations under the Contract.
- 9.4** In addition to compliance under subsection 9.1 above, Supplier shall have a continuing obligation to comply with applicable Customer-specific mandatory

contract provisions required in connection with the receipt of federal funds or other funding source.

- 9.5** The Supplier is responsible to review and inform its employees, agents, and subcontractors who provide a product or perform a service under the Contract of the Supplier's obligations under the Contract and Supplier certifies that its employees and each such subcontractor shall comply with minimum requirements and applicable provisions of the Contract. At the request of the State, Supplier shall promptly provide adequate evidence that such persons are its employees, agents or approved subcontractors and have been informed of their obligations under the Contract.
- 9.6** As applicable, Supplier agrees to comply with the Governor's Executive Orders related to the use of any tobacco product, electronic cigarette or vaping device on any and all properties owned, leased, or contracted for use by the State, including but not limited to all buildings, land and vehicles owned, leased, or contracted for use by agencies or instrumentalities of the State.
- 9.7** The execution, delivery and performance of the Contract and any ancillary documents by Supplier will not, to the best of Supplier's knowledge, violate, conflict with, or result in a breach of any provision of, or constitute a default (or an event which, with notice or lapse of time or both, would constitute a default) under, or result in the termination of, any written contract or other instrument between Supplier and any third party.
- 9.8** Supplier represents that it has the ability to pay its debts when due and it does not anticipate the filing of a voluntary or involuntary bankruptcy petition or appointment of a receiver, liquidator or trustee.
- 9.9** Supplier represents that, to the best of its knowledge, any litigation or claim or any threat thereof involving Supplier has been disclosed in writing to the State and Supplier is not aware of any other litigation, claim or threat thereof.
- 9.10** If services provided by Supplier include delivery of an electronic communication, Supplier shall ensure such communication and any associated support documents are compliant with Section 508 of the Federal Rehabilitation Act and with State standards regarding accessibility. Should any communication or associated support documents be non-compliant, Supplier shall correct and re-deliver such communication immediately upon discovery or notice, at no additional cost to the State. Additionally, as part of compliance with accessibility requirements where documents are only provided in non-electronic format, Supplier shall promptly provide such communication and any associated support documents in an alternate format

usable by individuals with disabilities upon request and at no additional cost, which may originate from an intended recipient or from the State.

10 Audits and Records Clause

10.1 As used in this clause and pursuant to 67 O.S. §203, “record” includes a document, book, paper, photograph, microfilm, computer tape, disk, record, sound recording, film recording, video record, accounting procedures and practices, and other data, regardless of type and regardless of whether such items are in written form, in the form of computer data, or in any other form. Supplier agrees any pertinent federal or State agency or governing entity of a Customer shall have the right to examine and audit, at no additional cost to a Customer, all records relevant to the execution and performance of the Contract except, unless otherwise agreed, costs of Supplier that comprise pricing under the Contract.

10.2 The Supplier is required to retain records relative to the Contract for the duration of the Contract and for a period of seven (7) years following completion or termination of an Acquisition unless otherwise indicated in the Contract terms. If a claim, audit, litigation or other action involving such records is started before the end of the seven-year period, the records are required to be maintained for two (2) years from the date that all issues arising out of the action are resolved, or until the end of the seven (7) year retention period, whichever is later.

10.3 Pursuant to 74 O.S. §85.41, if professional services are provided hereunder, all items of the Supplier that relate to the professional services are subject to examination by the State agency, State Auditor and Inspector and the State Purchasing Director.

11 Confidentiality

11.1 The Supplier shall maintain strict security of all State and citizen data and records entrusted to it or to which the Supplier gains access, in accordance with and subject to applicable federal and State laws, rules, regulations, and policies and shall use any such data and records only as necessary for Supplier to perform its obligations under the Contract. The Supplier further agrees to evidence such confidentiality obligation in a separate writing if required under such applicable federal or State laws, rules and regulations. The Supplier warrants and represents that such information shall not be sold, assigned, conveyed, provided, released, disseminated or otherwise disclosed by Supplier, its employees, officers, directors, subsidiaries, affiliates, agents, representatives, assigns, subcontractors, independent contractors, successor or any other persons or entities without Customer’s prior express written

permission. Supplier shall instruct all such persons and entities that the confidential information shall not be disclosed or used without the Customer's prior express written approval except as necessary for Supplier to render services under the Contract. The Supplier further warrants that it has a tested and proven system in effect designed to protect all confidential information.

- 11.2** Supplier shall establish, maintain and enforce agreements with all such persons and entities that have access to State and citizen data and records to fulfill Supplier's duties and obligations under the Contract and to specifically prohibit any sale, assignment, conveyance, provision, release, dissemination or other disclosure of any State or citizen data or records except as required by law or allowed by written prior approval of the Customer.
- 11.3** Supplier shall immediately report to the Customer any and all unauthorized use, appropriation, sale, assignment, conveyance, provision, release, access, acquisition, disclosure or other dissemination of any State or citizen data or records of which it or its parent company, subsidiaries, affiliates, employees, officers, directors, assignees, agents, representatives, independent contractors, and subcontractors is aware or have knowledge or reasonable should have knowledge. The Supplier shall also promptly furnish to Customer full details of the unauthorized use, appropriation, sale, assignment, conveyance, provision, release, access, acquisition, disclosure or other dissemination, or attempt thereof, and use its best efforts to assist the Customer in investigating or preventing the reoccurrence of such event in the future. The Supplier shall cooperate with the Customer in connection with any litigation and investigation deemed necessary by the Customer to protect any State or citizen data and records and shall bear all costs associated with the investigation, response and recovery in connection with any breach of State or citizen data or records including but not limited to credit monitoring services with a term of at least three (3) years, all notice-related costs and toll free telephone call center services.
- 11.4** Supplier further agrees to promptly prevent a reoccurrence of any unauthorized use, appropriation, sale, assignment, conveyance, provision, release, access, acquisition, disclosure or other dissemination of State or citizen data and records.
- 11.5** Supplier acknowledges that any improper use, appropriation, sale, assignment, conveyance, provision, release, access, acquisition, disclosure or other dissemination of any State data or records to others may cause immediate and irreparable harm to the Customer and certain beneficiaries and may violate state or federal laws and regulations. If the Supplier or its affiliates, parent company, subsidiaries, employees, officers, directors, assignees, agents,

representatives, independent contractors, and subcontractors improperly use, appropriate, sell, assign, convey, provide, release, access, acquire, disclose or otherwise disseminate such confidential information to any person or entity in violation of the Contract, the Customer will immediately be entitled to injunctive relief and/or any other rights or remedies available under this Contract, at equity or pursuant to applicable statutory, regulatory, and common law without a cure period.

11.6 The Supplier shall immediately forward to the State Purchasing Director, and any other applicable person listed in the Notices section(s) of the Contract, any request by a third party for data or records in the possession of the Supplier or any subcontractor or to which the Supplier or subcontractor has access and Supplier shall fully cooperate with all efforts to protect the security and confidentiality of such data or records in response to a third party request.

11.7 Customer may be provided access to Supplier Confidential Information. State agencies are subject to the Oklahoma Open Records Act and Supplier acknowledges information marked confidential information will be disclosed to the extent permitted under the Open Records Act and in accordance with this section. Nothing herein is intended to waive the State Purchasing Director's authority under OAC 260:115-3-9 in connection with Bid information requested to be held confidential by a Bidder. Notwithstanding the foregoing, Supplier Confidential Information shall not include information that: (i) is or becomes generally known or available by public disclosure, commercial use or otherwise and is not in contravention of this Contract; (ii) is known and has been reduced to tangible form by the receiving party before the time of disclosure for the first time under this Contract and without other obligations of confidentiality; (iii) is independently developed without the use of any of Supplier Confidential Information; (iv) is lawfully obtained from a third party (without any confidentiality obligation) who has the right to make such disclosure or (v) résumé, pricing or marketing materials provided to the State. In addition, the obligations in this section shall not apply to the extent that the applicable law or regulation requires disclosure of Supplier Confidential Information, provided that the Customer provides reasonable written notice, pursuant to Contract notice provisions, to the Supplier so that the Supplier may promptly seek a protective order or other appropriate remedy.

12 Conflict of Interest

In addition to any requirement of law or of a professional code of ethics or conduct, the Supplier, its employees, agents and subcontractors are required to disclose any outside activity or interest that conflicts or may conflict with the best interest of the State. Prompt disclosure is required under this section if the activity or interest is

related, directly or indirectly, to any person or entity currently under contract with or seeking to do business with the State, its employees or any other third-party individual or entity awarded a contract with the State. Further, as long as the Supplier has an obligation under the Contract, any plan, preparation or engagement in any such activity or interest shall not occur without prior written approval of the State. Any conflict of interest shall, at the sole discretion of the State, be grounds for partial or whole termination of the Contract.

13 Assignment and Permitted Subcontractors

13.1 Supplier's obligations under the Contract may not be assigned or transferred to any other person or entity without the prior written consent of the State which may be withheld at the State's sole discretion. Should Supplier assign its rights to payment, in whole or in part, under the Contract, Supplier shall provide the State and all affected Customers with written notice of the assignment. Such written notice shall be delivered timely and contain details sufficient for affected Customers to perform payment obligations without any delay caused by the assignment.

13.2 Notwithstanding the foregoing, the Contract may be assigned by Supplier to any corporation or other entity in connection with a merger, consolidation, sale of all equity interests of the Supplier, or a sale of all or substantially all of the assets of the Supplier to which the Contract relates. In any such case, said corporation or other entity shall by operation of law or expressly in writing assume all obligations of the Supplier as fully as if it had been originally made a party to the Contract. Supplier shall give the State and all affected Customers prior written notice of said assignment. Any assignment or delegation in violation of this subsection shall be void.

13.3 If the Supplier is permitted to utilize subcontractors in support of the Contract, the Supplier shall remain solely responsible for its obligations under the terms of the Contract, for its actions and omissions and those of its agents, employees and subcontractors and for payments to such persons or entities. Prior to a subcontractor being utilized by the Supplier, the Supplier shall obtain written approval of the State of such subcontractor and each employee, as applicable to a particular Acquisition, of such subcontractor proposed for use by the Supplier. Such approval is within the sole discretion of the State. Any proposed subcontractor shall be identified by entity name, and by employee name, if required by the particular Acquisition, in the applicable proposal and shall include the nature of the services to be performed. As part of the approval request, the Supplier shall provide a copy of a written agreement executed by the Supplier and subcontractor setting forth that such subcontractor is bound by and agrees, as applicable, to perform the same covenants and be subject to

the same conditions and make identical certifications to the same facts and criteria, as the Supplier under the terms of all applicable Contract Documents. Supplier agrees that maintaining such agreement with any subcontractor and obtaining prior written approval by the State of any subcontractor and associated employees shall be a continuing obligation. The State further reserves the right to revoke approval of a subcontractor or an employee thereof in instances of poor performance, misconduct or for other similar reasons.

13.4 All payments under the Contract shall be made directly to the Supplier, except as provided in subsection A above regarding the Supplier's assignment of payment. No payment shall be made to the Supplier for performance by unapproved or disapproved employees of the Supplier or a subcontractor.

13.5 Rights and obligations of the State or a Customer under the terms of this Contract may be assigned or transferred, at no additional cost, to other Customer entities.

14 Background Checks and Criminal History Investigations

Prior to the commencement of any services, background checks and criminal history investigations of the Supplier's employees and subcontractors who will be providing services may be required and, if so, the required information shall be provided to the State in a timely manner. Supplier's access to facilities, data and information may be withheld prior to completion of background verification acceptable to the State. The costs of additional background checks beyond Supplier's normal hiring practices shall be the responsibility of the Customer unless such additional background checks are required solely because Supplier will not provide results of its otherwise acceptable normal background checks; in such an instance, Supplier shall pay for the additional background checks. Supplier will coordinate with the State and its employees to complete the necessary background checks and criminal history investigations. Should any employee or subcontractor of the Supplier who will be providing services under the Contract not be acceptable as a result of the background check or criminal history investigation, the Customer may require replacement of the employee or subcontractor in question and, if no suitable replacement is made within a reasonable time, terminate the purchase order or other payment mechanism associated with the project or services.

15 Patents and Copyrights

Without exception, a product or deliverable price shall include all royalties or costs owed by the Supplier to any third party arising from the use of a patent, intellectual property, copyright or other property right held by such third party. Should any third party threaten or make a claim that any portion of a product or service provided by Supplier under the Contract infringes that party's patent, intellectual property,

copyright or other property right, Supplier shall enable each affected Customer to legally continue to use, or modify for use, the portion of the product or service at issue or replace such potentially infringing product, or re-perform or redeliver in the case of a service, with at least a functional non-infringing equivalent. Supplier's duty under this section shall extend to include any other product or service rendered materially unusable as intended due to replacement or modification of the product or service at issue. If the Supplier determines that none of these alternatives are reasonably available, the State shall return such portion of the product or deliverable at issue to the Supplier, upon written request, in exchange for a refund of the price paid for such returned goods as well as a refund or reimbursement, if applicable, of the cost of any other product or deliverable rendered materially unusable as intended due to removal of the portion of product or deliverable at issue. Any remedy provided under this section is not an exclusive remedy and is not intended to operate as a waiver of legal or equitable remedies because of acceptance of relief provided by Supplier.

16 Indemnification

16.1 Acts or Omissions

- A.** Supplier shall defend and indemnify the Indemnified Parties, as applicable, for any and all liability, claims, damages, losses, costs, expenses, demands, suits and actions of third parties (including without limitation reasonable attorneys' fees and costs required to establish the right to indemnification) arising out of, or resulting from any action or claim for bodily injury, death, or property damage brought against any of the Indemnified parties to the extent arising from any negligent act or omission or willful misconduct of the Supplier or its agents, employees, or subcontractors in the execution or performance of the Contract.

- B.** To the extent Supplier is found liable for loss, damage, or destruction of any property of Customer due to negligence, misconduct, wrongful act, or omission on the part of the Supplier, its employees, agents, representatives, or subcontractors, the Supplier and Customer shall use best efforts to mutually negotiate an equitable settlement amount to repair or replace the property unless such loss, damage or destruction is of such a magnitude that repair or replacement is not a reasonable option. Such amount shall be invoiced to, and is payable by, Supplier sixty (60) calendar days after the date of Supplier's receipt of an invoice for the negotiated settlement amount.

16.2 Infringement

Supplier shall indemnify the Indemnified Parties, as applicable, for all liability, claims, damages, losses, costs, expenses, demands, suits and actions of third parties (including without limitation reasonable attorneys' fees and costs required to establish the right to indemnification) arising from or in connection with Supplier's breach of its representations and warranties in the Contract or alleged infringement of any patent, intellectual property, copyright or other property right in connection with a product or service provided under the Contract. Supplier's duty under this section is reduced to the extent a claimed infringement results from: (a) a Customer's or user's content; (b) modifications by Customer or third party to a product delivered under the Contract or combinations of the product with any non-Supplier-provided services or products unless Supplier recommended or participated in such modification or combination; (c) use of a product or service by Customer in violation of the Contract unless done so at the direction of Supplier, or (d) a non-Supplier product that has not been provided to the State by, through or on behalf of Supplier as opposed to its combination with products Supplier provides to or develops for the State or a Customer as a system.

16.3 Notice and Cooperation

In connection with indemnification obligations under the Contract, the parties agree to furnish prompt written notice to each other of any third-party claim. Any Customer affected by the claim will reasonably cooperate with Supplier and defense of the claim to the extent its interests are aligned with Supplier. Supplier shall use counsel reasonably experienced in the subject matter at issue and will not settle a claim without the written consent of the party being defended, which consent will not be unreasonably withheld or delayed, except that no consent will be required to settle a claim against Indemnified Parties that are not a State agency, where relief against the Indemnified Parties is limited to monetary damages that are paid by the defending party under indemnification provisions of the Contract.

16.4 Coordination of Defense

In connection with indemnification obligations under the Contract, when a State agency is a named defendant in any filed or threatened lawsuit, the defense of the State agency shall be coordinated by the Attorney General of Oklahoma, or the Attorney General may authorize the Supplier to control the defense and any related settlement negotiations; provided, however, Supplier shall not agree to any settlement of claims against the State without obtaining advance written concurrence from the Attorney General. If the Attorney General does not authorize sole control of the defense and settlement negotiations to Supplier, Supplier shall have authorization to equally

participate in any proceeding related to the indemnity obligation under the Contract and shall remain responsible to indemnify the applicable Indemnified Parties.

16.5 Limitation of Liability

- A.** With respect to any claim or cause of action arising under or related to the Contract, neither the State nor any Customer shall be liable to Supplier for lost profits, lost sales or business expenditures, investments, or commitments in connection with any business, loss of any goodwill, or for any other indirect, incidental, punitive, special or consequential damages, even if advised of the possibility of such damages.
- B.** Notwithstanding anything to the contrary in the Contract, no provision shall limit damages, expenses, costs, actions, claims, and liabilities arising from or related to property damage, bodily injury or death caused by Supplier or its employees, agents or subcontractors; indemnity, security or confidentiality obligations under the Contract; the bad faith, negligence, intentional misconduct or other acts for which applicable law does not allow exemption from liability of Supplier or its employees, agents or subcontractors.
- C.** The limitation of liability and disclaimers set forth in the Contract will apply regardless of whether Customer has accepted a product or service. The parties agree that Supplier has set its fees and entered into the Contract in reliance on the disclaimers and limitations set forth herein, that the same reflect an allocation of risk between the parties and form an essential basis of the bargain between the parties. These limitations shall apply notwithstanding any failure of essential purpose of any limited remedy.

17 Termination for Funding Insufficiency

- 17.1** Notwithstanding anything to the contrary in any Contract Document, the State may terminate the Contract in whole or in part if funds sufficient to pay obligations under the Contract are not appropriated or received from an intended third-party funding source. In the event of such insufficiency, Supplier will be provided at least fifteen (15) calendar days' written notice of termination. Any partial termination of the Contract under this section shall not be construed as a waiver of, and shall not affect, the rights and obligations of any party regarding portions of the Contract that are not terminated. The determination by the State of insufficient funding shall be accepted by, and shall be final and binding on, the Supplier.

17.2 Upon receipt of notice of a termination, Supplier shall immediately comply with the notice terms and take all necessary steps to minimize the incurrence of costs allocable to the work affected by the notice. If a purchase order or other payment mechanism has been issued and a product or service has been accepted as satisfactory prior to the effective date of termination, the termination does not relieve an obligation to pay for the product or service but there shall not be any liability for further payments ordinarily due under the Contract or for any damages or other amounts caused by or associated with such termination. Any amount paid to Supplier in the form of prepaid fees that are unused when the Contractor certain obligations are terminated shall be refunded.

17.3 The State's exercise of its right to terminate the Contract under this section shall not be considered a default or breach under the Contract or relieve the Supplier of any liability for claims arising under the Contract.

18 Termination for Cause

18.1 Supplier may terminate the Contract if (i) it has provided the State with written notice of material breach and (ii) the State fails to cure such material breach within thirty (30) days of receipt of written notice. If there is more than one Customer, material breach by a Customer does not give rise to a claim of material breach as grounds for termination by Supplier of the Contract as a whole. The State may terminate the Contract in whole or in part if (i) it has provided Supplier with written notice of material breach, and (ii) Supplier fails to cure such material breach within thirty (30) days of receipt of written notice. Any partial termination of the Contract under this section shall not be construed as a waiver of, and shall not affect, the rights and obligations of any party regarding portions of the Contract that are not terminated.

18.2 The State may terminate the Contract in whole or in part immediately without a thirty (30) day written notice to Supplier if (i) Supplier fails to comply with confidentiality, privacy, security, environmental or safety requirements applicable to Supplier's performance or obligations under the Contract; (ii) Supplier's material breach is reasonably determined to be an impediment to the function of the State and detrimental to the State or to cause a condition precluding the thirty (30) day notice or (iii) when the State determines that an administrative error in connection with award of the Contract occurred prior to Contract performance.

18.3 Upon receipt of notice of a termination, Supplier shall immediately comply with the notice terms and take all necessary steps to minimize the incurrence

of costs allocable to the work affected by the notice. If a purchase order or other payment mechanism has been issued and a product or service has been accepted as satisfactory prior to the effective date of termination, the termination does not relieve an obligation to pay for the product or service but there shall not be any liability for further payments ordinarily due under the Contract or for any damages or other amounts caused by or associated with such termination. Such termination is not an exclusive remedy but is in addition to any other rights and remedies provided for by law. Any amount paid to Supplier in the form of prepaid fees that are unused when the Contract or certain obligations are terminated shall be refunded. Termination of the Contract under this section, in whole or in part, shall not relieve the Supplier of liability for claims arising under the Contract.

18.4 The Supplier's repeated failure to provide an acceptable product or service; Supplier's unilateral revision of linked or supplemental terms that have a materially adverse impact on a Customer's rights or obligations under the Contract (except as required by a governmental authority); actual or anticipated failure of Supplier to perform its obligations under the Contract; Supplier's inability to pay its debts when due; assignment for the benefit of Supplier's creditors; or voluntary or involuntary appointment of a receiver or filing of bankruptcy of Supplier shall constitute a material breach of the Supplier's obligations, which may result in partial or whole termination of the Contract. This subsection is not intended as an exhaustive list of material breach conditions. Termination may also result from other instances of failure to adhere to the Contract provisions and for other reasons provided for by applicable law, rules or regulations; without limitation, OAC 260:115-9-9 is an example.

19 Termination for Convenience

19.1 The State may terminate the Contract, in whole or in part, for convenience if it is determined that termination is in the State's best interest. In the event of a termination for convenience, Supplier will be provided at least thirty (30) days' written notice of termination. Any partial termination of the Contract shall not be construed as a waiver of, and shall not affect, the rights and obligations of any party regarding portions of the Contract that remain in effect.

19.2 Upon receipt of notice of such termination, Supplier shall immediately comply with the notice terms and take all necessary steps to minimize the incurrence of costs allocable to the work affected by the notice. If a purchase order or other payment mechanism has been issued and a product or service has been accepted as satisfactory prior to the effective date of termination, the termination does not relieve an obligation to pay for the product or service but

there shall not be any liability for further payments ordinarily due under the Contract or for any damages or other amounts caused by or associated with such termination. Such termination shall not be an exclusive remedy but shall be in addition to any other rights and remedies provided for by law. Any amount paid to Supplier in the form of prepaid fees that are unused when the Contract or certain obligations are terminated shall be refunded. Termination of the Contract under this section, in whole or in part, shall not relieve the Supplier of liability for claims arising under the Contract.

20 Suspension of Supplier

20.1 Supplier may be subject to Suspension without advance notice and may additionally be suspended from activities under the Contract if Supplier fails to comply with confidentiality, privacy, security, environmental or safety requirements applicable to Supplier's performance or obligations under the Contract.

20.2 Upon receipt of a notice pursuant to this section, Supplier shall immediately comply with the notice terms and take all necessary steps to minimize the incurrence of costs allocable to the work affected by the notice. If a purchase order or other payment mechanism has been issued and a product or service has been accepted as satisfactory prior to receipt of notice by Supplier, the Suspension does not relieve an obligation to pay for the product or service but there shall not be any liability for further payments ordinarily due under the Contract during a period of Suspension or suspended activity or for any damages or other amounts caused by or associated with such Suspension or suspended activity. A right exercised under this section shall not be an exclusive remedy but shall be in addition to any other rights and remedies provided for by law. Any amount paid to Supplier in the form of prepaid fees attributable to a period of Suspension or suspended activity shall be refunded.

20.3 Such Suspension may be removed, or suspended activity may resume, at the earlier of such time as a formal notice is issued that authorizes the resumption of performance under the Contract or at such time as a purchase order or other appropriate encumbrance document is issued. This subsection is not intended to operate as an affirmative statement that such resumption will occur.

21 Certification Regarding Debarment, Suspension, and Other Responsibility Matters

The certification made by Supplier with respect to Debarment, Suspension, certain indictments, convictions, civil judgments and terminated public contracts is a material representation of fact upon which reliance was placed when entering into the Contract.

A determination that Supplier knowingly rendered an erroneous certification, in addition to other available remedies, may result in whole or partial termination of the Contract for Supplier's default. Additionally, Supplier shall promptly provide written notice to the State Purchasing Director if the certification becomes erroneous due to changed circumstances.

22 Certification Regarding State Employees Prohibition From Fulfilling Services

Pursuant to 74 O.S. § 85.42, the Supplier certifies that no person involved in any manner in development of the Contract employed by the State shall be employed to fulfill any services provided under the Contract.

23 Force Majeure

23.1 Either party shall be temporarily excused from performance to the extent delayed as a result of unforeseen causes beyond its reasonable control including fire or other similar casualty, act of God, strike or labor dispute, war or other violence, or any law, order or requirement of any governmental agency or authority provided the party experiencing the force majeure event has prudently and promptly acted to take any and all steps within the party's control to ensure continued performance and to shorten duration of the event. If a party's performance of its obligations is materially hindered as a result of a force majeure event, such party shall promptly notify the other party of its best reasonable assessment of the nature and duration of the force majeure event and steps it is taking, and plans to take, to mitigate the effects of the force majeure event. The party shall use commercially reasonable best efforts to continue performance to the extent possible during such event and resume full performance as soon as reasonably practicable.

23.2 Subject to the conditions set forth above, non-performance as a result of a force majeure event shall not be deemed a default. However, a purchase order or other payment mechanism may be terminated if Supplier cannot cause delivery of a product or service in a timely manner to meet the business needs of Customer. Supplier is not entitled to payment for products or services not received and, therefore, amounts payable to Supplier during the force majeure event shall be equitably adjusted downward.

23.3 Notwithstanding the foregoing or any other provision in the Contract, (i) the following are not a force majeure event under the Contract: (a) shutdowns, disruptions or malfunctions in Supplier's system or any of Supplier's telecommunication or internet services other than as a result of general and widespread internet or telecommunications failures that are not limited to Supplier's systems or (b) the delay or failure of Supplier or subcontractor personnel to perform any obligation of Supplier hereunder unless such delay

or failure to perform is itself by reason of a force majeure event and (ii) no force majeure event modifies or excuses Supplier's obligations related to confidentiality, indemnification, data security or breach notification obligations set forth herein.

24 Security of Property and Personnel

In connection with Supplier's performance under the Contract, Supplier may have access to Customer personnel, premises, data, records, equipment and other property. Supplier shall use commercially reasonable best efforts to preserve the safety and security of such personnel, premises, data, records, equipment, and other property of Customer. Supplier shall be responsible for damage to such property to the extent such damage is caused by its employees or subcontractors and shall be responsible for loss of Customer property in its possession, regardless of cause. If Supplier fails to comply with Customer's security requirements, Supplier is subject to immediate suspension of work as well as termination of the associated purchase order or other payment mechanism.

25 Notices

All notices, approvals or requests allowed or required by the terms of any Contract Document shall be in writing, reference the Contract with specificity and deemed delivered upon receipt or upon refusal of the intended party to accept receipt of the notice. In addition to other notice requirements in the Contract and the designated Supplier contact provided in a successful Bid, notices shall be sent to the State at the physical address set forth below. Notice information may be updated in writing to the other party as necessary. Notwithstanding any other provision of the Contract, confidentiality, breach and termination-related notices shall not be delivered solely via e-mail.

If sent to the State:

State Purchasing Director
5005 North Lincoln Boulevard, Suite 300
Oklahoma City, Oklahoma 73105

With a copy, which shall not constitute notice, to:

Purchasing Division Deputy General Counsel
5005 North Lincoln Boulevard, Suite 300
Oklahoma City, Oklahoma 73105

26 Miscellaneous

26.1 Choice of Law and Venue

Any claim, dispute, or litigation relating to the Contract Documents, in the singular or in the aggregate, shall be governed by the laws of the State without regard to application of choice of law principles. Pursuant to 74 O.S. §85.14, where federal granted funds are involved, applicable federal laws, rules and regulations shall govern to the extent necessary to insure benefit of such federal funds to the State. Venue for any action, claim, dispute, or litigation relating in any way to the Contract Documents, shall be in Oklahoma County, Oklahoma.

26.2 No Guarantee of Products or Services Required

The State shall not guarantee any minimum or maximum amount of Supplier products or services required under the Contract.

26.3 Employment Relationship

The Contract does not create an employment relationship. Individuals providing products or performing services pursuant to the Contract are not employees of the State or Customer and, accordingly are not eligible for any rights or benefits whatsoever accruing to such employees.

26.4 Transition Services

If transition services are needed at the time of Contract expiration or termination, Supplier shall provide such services on a month-to-month basis, at the contract rate or other mutually agreed rate. Supplier shall provide a proposed transition plan, upon request, and cooperate with any successor supplier and with establishing a mutually agreeable transition plan. Failure to cooperate may be documented as poor performance of Supplier.

26.5 Publicity

The existence of the Contract or any Acquisition is in no way an endorsement of Supplier, the products or services and shall not be so construed by Supplier in any advertising or publicity materials. Supplier agrees to submit to the State all advertising, sales, promotion, and other publicity matters relating to the Contract wherein the name of the State or any Customer is mentioned or language used from which, in the State's judgment, an endorsement may be inferred or implied. Supplier further agrees not to publish or use such advertising, sales promotion, or publicity matter or release any informational pamphlets, notices, press releases, research reports, or similar public notices concerning the Contract or any Acquisition hereunder without obtaining the prior written approval of the State.

26.6 Open Records Act

Supplier acknowledges that all State agencies and certain other Customers are subject to the Oklahoma Open Records Act set forth at 51 O.S. §24A-1 *et seq.* Supplier also acknowledges that compliance with the Oklahoma Open Records Act and all opinions of the Oklahoma Attorney General concerning the Act is required.

26.7 Failure to Enforce

Failure by the State or a Customer at any time to enforce a provision of, or exercise a right under, the Contract shall not be construed as a waiver of any such provision. Such failure to enforce or exercise shall not affect the validity of any Contract Document, or any part thereof, or the right of the State or a Customer to enforce any provision of, or exercise any right under, the Contract at any time in accordance with its terms. Likewise, a waiver of a breach of any provision of a Contract Document shall not affect or waive a subsequent breach of the same provision or a breach of any other provision in the Contract.

26.8 Mutual Responsibilities

- A.** No party to the Contract grants the other the right to use any trademarks, trade names, other designations in any promotion or publication without the express written consent by the other party.
- B.** The Contract is a non-exclusive contract and each party is free to enter into similar agreements with others.
- C.** The Customer and Supplier each grant the other only the licenses and rights specified in the Contract and all other rights and interests are expressly reserved.
- D.** The Customer and Supplier shall reasonably cooperate with each other and any Supplier to which the provision of a product and/or service under the Contract may be transitioned after termination or expiration of the Contract.
- E.** Except as otherwise set forth herein, where approval, acceptance, consent, or similar action by a party is required under the Contract, such action shall not be unreasonably delayed or withheld.

26.9 Invalid Term or Condition

To the extent any term or condition in the Contract conflicts with a compulsory applicable State or United States law or regulation, such Contract term or

condition is void and unenforceable. By executing any Contract Document which contains a conflicting term or condition, no representation or warranty is made regarding the enforceability of such term or condition. Likewise, any applicable State or federal law or regulation which conflicts with the Contract or any non-conflicting applicable State or federal law or regulation is not waived.

26.10 Severability

If any provision of a Contract Document, or the application of any term or condition to any party or circumstances, is held invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable and the application of such provision to other parties or circumstances shall remain valid and in full force and effect. If a court finds that any provision of this contract is invalid or unenforceable, but that by limiting such provision it would become valid and enforceable, then such provision shall be deemed to be written, construed, and enforced as so limited.

26.11 Section Headings

The headings used in any Contract Document are for convenience only and do not constitute terms of the Contract.

26.12 Sovereign Immunity

Notwithstanding any provision in the Contract, the Contract is entered into subject to the State's Constitution, statutes, common law, regulations, and the doctrine of sovereign immunity, none of which are waived by the State nor any other right or defense available to the State.

26.13 Survival

As applicable, performance under all license, subscription, service agreements, statements of work, transition plans and other similar Contract Documents entered into between the parties under the terms of the Contract shall survive Contract expiration. Additionally, rights and obligations under the Contract which by their nature should survive including, without limitation, certain payment obligations invoiced prior to expiration or termination; confidentiality obligations; security incident and data breach obligations and indemnification obligations, remain in effect after expiration or termination of the Contract.

26.14 Entire Agreement

The Contract Documents taken together as a whole constitute the entire agreement between the parties. No statement, promise, condition,

understanding, inducement or representation, oral or written, expressed or implied, which is not contained in a Contract Document shall be binding or valid. The Supplier's representations and certifications, including any completed electronically, are incorporated by reference into the Contract.

26.15 Gratuities

The Contract may be immediately terminated, in whole or in part, by written notice if it is determined that the Supplier, its employee, agent, or another representative violated any federal, State or local law, rule or ordinance by offering or giving a gratuity to any State employee directly involved in the Contract. In addition, Suspension or Debarment of the Supplier may result from such a violation.

26.16 Import/Export Controls

Neither party will use, distribute, transfer or transmit any equipment, services, software or technical information provided under the Contract (even if incorporated into other products) except in compliance with all applicable import and export laws, conventions and regulations.

ATTACHMENT C

OKLAHOMA STATEWIDE CONTRACT TERMS

1. Statewide Contract Type

- 1.1** The Contract is a non-mandatory statewide contract for use by State agencies. Additionally, the Contract may be used by any governmental entity specified as a political subdivision of the State pursuant to the Governmental Tort Claims Act including any associated institution, instrumentality, board, commission, committee, department or other entity designated to act on behalf of the political subdivision; a state, county or local governmental entity in its state of origin; and entities authorized to utilize contracts by the State via a multistate or multigovernmental contract.
- 1.2** The Contract is a firm, fixed price contract for indefinite delivery and quantity for the Acquisitions available under the Contract.

2. Orders and Addendums

- 2.1** Unless mutually agreed in writing otherwise, orders shall be placed directly with the Supplier by issuance of written purchase orders or by Purchase Card by state agencies and other authorized entities. All orders are subject to the Contract terms and any order dated prior to Contract expiration shall be performed. Delivery to multiple destinations may be required.
- 2.2** Any ordering document shall be effective between Supplier and the Customer only and shall not be an Addendum to the Contract in its entirety or apply to any Acquisition by another Customer.
- 2.3** Additional terms added to a Contract Document by a Customer shall be effective if the additional terms do not conflict with the General Terms and are acceptable to Supplier. However, an Addendum to the Contract shall be signed by the State Purchasing Director or designee. Regarding information technology and telecommunications contracts, pursuant to 62 O.S., §34.11.1, the Chief Information Officer acts as the Information Technology and Telecommunications Purchasing Director.

3. Termination for Funding Insufficiency

In addition to Contract terms relating to termination due to insufficient funding, a Customer may terminate any purchase order or other payment mechanism if funds sufficient to pay obligations under the Contract are not appropriated or received from an intended third-party funding source. The determination by the Customer of insufficient funding shall be accepted by, and shall be final and binding on, the Supplier.

4. Termination for Cause

In addition to Contract terms relating to termination for cause, a customer may terminate its obligations, in whole or in part, to Supplier if it has provided Supplier with written notice of material breach and Supplier fails to cure such material breach within thirty (30) days of receipt of written notice. The Customer may also terminate a purchase order or other payment mechanism or Supplier's activities under the Contract immediately without a thirty (30) day written notice to Supplier, if Supplier fails to comply with confidentiality, privacy, security, environmental or safety requirements if such non-compliance relates or may relate to Supplier provision of products or services to the Customer or if Supplier's material breach is reasonably determined (i) to be an impediment to the function of the Customer and detrimental to the Customer, or (ii) when conditions preclude the thirty (30) day notice.

5. Termination for Convenience

In addition to any termination for convenience provisions in the Contract, a Customer may terminate a purchase order or other payment mechanism for convenience if it is determined that termination is in the Customer's best interest. Supplier will be provided at least thirty (30) days' written notice of termination.

6. Contract Management Fee and Usage Report

6.1 Pursuant to 74 O.S. § 85.33A, the State assesses a contract management fee on all transactions under a statewide contract. The payment of such fee will be calculated for all transactions, net of returns and the Supplier has no right of setoff against such fee regardless of the payment status of any Customer or any aggregate accounts receivable percentage. Supplier acknowledges and agrees that all prices quoted under any statewide contract shall include the contract management fee and the contract

management fee shall not be reflected as a separate line item in Supplier's billing. The State reserves the right to change this fee upward or downward upon sixty (60) calendar days' written notice to Supplier without further requirement for an Addendum.

6.2 While Supplier is the awardee of a statewide contract, transactions that occur under the terms of the statewide contract are subject to a one percent (1%) contract management fee to be paid by Supplier. Supplier shall submit a Contract Usage Report on a quarterly basis for each contract using a form provided by the State and such report shall include applicable information for each transaction. Reports shall include usage of the statewide contract by every Customer during the applicable quarter. A singular report provided late will not be considered a breach of the statewide contract; provided, however, repeated failure to submit accurate quarterly usage reports and submit timely payments may result in suspension or termination, in whole or in part, of the Contract.

6.3 All Contract Usage Reports shall meet the following criteria:

- i.** Electronic submission in Microsoft Excel format to strategic.sourcing@omes.ok.gov;
- ii.** Quarterly submission regardless of whether there were transactions under the Contract during the applicable quarterly reporting period;
- iii.** Submission no later than forty-five (45) days following the end of each calendar quarter;
- iv.** Contract quarterly reporting periods shall be as follows:
 - a.** January 01 through March 31;
 - b.** April 01 through June 30;
 - c.** July 01 through September 30; and
 - d.** October 01 through December 31.
- v.** Reports must include the following information:

- a. Procuring entity;
- b. Order date;
- c. Purchase Order number or note that the transaction was paid by Purchase Card;
- d. City in which products or services were received or specific office or subdivision title;
- e. Product manufacturer or type of service;
- f. Manufacturer item number, if applicable;
- g. Product description;
- h. General product category, if applicable;
- i. Quantity;
- j. Unit list price or MSRP, as applicable;
- k. Unit price charged to the purchasing entity; and
- l. Other Contract usage information requested by the State.

6.4 Payment of the contract management fee shall be delivered to the following address within forty-five (45) calendar days after the end of each quarterly reporting period:

State of Oklahoma
Office of Management and Enterprise Services, Central Purchasing
2401 North Lincoln Boulevard, Suite 116
Oklahoma City, Oklahoma 73105

To ensure payment is properly accounted for, Supplier shall provide the following information with payment: (i) reference to the applicable Contract Usage Report and quarterly reporting period and (ii) the applicable statewide contract number(s) and the amount of the contract management fee being paid for each contract number.

Exhibit 2 - Cost

RFP# 0900000564

EXHIBIT 3 - FIREFIGHTER'S EQUIPMENT - STATION WEAR

MARKET BASKET EVALUATION WORKSHEET

SUPPLIER'S NAME: Banner Fire Equipment

PRODUCT	EXAMPLE PRODUCT MANUFACTURER/DESCRIPTION	UNIT OF MEASURE	EQUAL PRODUCT MANUFACTURER/DESCRIPTION	MANUFACTURER'S PART NUMBER	(MSRP) LIST PRICE	PERCENTAGE DISCOUNT	NET COST
Shirts	5.11 Tactical Poly/Cotton Fleece ¼ Zip Shirt	Each					No Bid
Shirts	5.11 Tactical Men's ¼ Zip Shirt with Canvas Collars and Elbows	Each					No Bid
Shirts	5.11 Tactical, Tactical SS Polo Shirt	Each					No Bid
Shirts	5.11 Tactical Professional Long Sleeve Polo Shirt	Each					No Bid
Shirts	Propper Men's I.C.E. Integrated Cooling Effect Performance Polo	Each					No Bid
Shirts	LION StationWear, Bravo Short Sleeve Uniform Shirt, Poly/Cotton	Each					No Bid
Shirts	LION StationWear: Bravo Short Sleeve Uniform Shirt, NOMEX IIIA	Each					No Bid
Shirts	Elbeco: Textrop2 Ladies Choice Short Sleeve Shirt	Each					No Bid
Shirts	Elbeco: Ufx Performance Tactical Women's Polo	Each					No Bid
Shirts	Workrite: Men's Classic Short Sleeve Fire Chief Shirt	Each					No Bid
Pants	TRU-SPEC: 24-7 Series, Poly-Cotton Ripstop Men's Pants	Each					No Bid
Pants	Workrite: Men's Classic Pant	Each					No Bid
Pants	5.11 Tactical: Women's TacLite EMS Pant	Each					No Bid
Pants	5.11 Tactical: TDU Poly/Cotton Twill Pants	Each					No Bid
Belts	Boston Leather: 1-3/4" Garrison Belt - Leather	Each					No Bid
Belts	Boston Leather: 1-1/2" Belt - Leather	Each					No Bid
Belts	5.11 Tactical: TDU Belts - Polymer Buckle, 1.5" or 1.75"	Each					No Bid
Hats	Flexfit: Acrylic-Wool Low Profile Cap	Each					No Bid
Hats	True North: DragonWear Nomex Fleece, Double Shot Hat	Each					No Bid
Hats	Flexfit: Heavyweight Cuffed Knit Cap	Each					No Bid
Hat & Helmet Liner	NoSweat: Disposable Hat & Helmet Liner	Each					No Bid
Shoes/Boots	Thorogood: ASR Black Leather Slip-On Shoe	Pair					No Bid
Shoes/Boots	Haix Airpower R2 8" Station/EMS Boot with Crosstech, Men's, NFPA	Pair					No Bid
Shoes/Boots	Thorogood: The Deuce 6" Waterproof Side Zip w/ Composite Toe Station Boot	Pair					No Bid

SUPPLIER'S NAME:

Banner Fire Equipment

PRODUCT	EXAMPLE PRODUCT MANUFACTURER/DESCRIPTION	UNIT OF MEASURE	EQUAL PRODUCT MANUFACTURER/DESCRIPTION	MANUFACTURER'S PART NUMBER	LIST PRICE	PERCENTAGE DISCOUNT	NET COST
Helmets	Cairns N6A Houston Black Leather Helmet, OSHA Certified	Each					No Bid
Helmets	Cairns: N5A New Yorker Natural Leather Helmet, OSHA	Each					No Bid
Helmets	Morning Pride: Ben 2 Low Rider Helmet NFPA 2013 Certified	Each	Bullard, Thermoplastic faceshield, www.bullard.com	PX	\$441.21	35	\$286.78
Helmets	Honeywell: The EV1 Traditional Firefighting Helmet, with Internal EZ TouchFace Eye Protection, NFPA	Each	Bullard, traditional matte, faceshield- www.bullard.com	USTM6	482.52	35	313.63
Helmets	Cairns: 1044 Helmet, Black, NFPA, OSHA	Each	Bullard, Fiberglass Faceshield, www.bullard.com	FX	\$423.59	35	\$275.33
Hoods	Majestic: PAC III, 100% Nomex, Black, NFPA 1971-2013	Each	Majestic, 100% Nomex, Black, www.majhoods.com	PAC II	n/a		
Hoods	PGI: Cobra™ Ultimate™ Carbon Shield™ Hood, NFPA Certified	Each	Majestic, 100% Nomex, white, www.majhoods.com	PAC II	n/a		
Hoods	Majestic: PAC II Ultra C6, SVZ, NFPA 1971-2013	Each	Majestic, Ultra Carbon Knight, Black, www.majhoods.com	PAC II	n/a		
Gloves	Ergodyne ProFlex Fire & Rescue Performance Gloves	Pair	FireCraft, Phoenix Gauntlet cuff, www.firecraftsafety.com	P5000	\$100	10	90.00
Gloves	Fire Pro II Structural Fire Glove	Pair	FireCraft, Phoenix, Knit Wrist cuff, www.firecraftsafety.com	P5000W	\$103	10	92.70
Gloves	Pro Tech 8 Titan Kangaroo Structural Glove, Short Cuff	Pair	Firecraft, Phoenix, gauntlet cuff, cadet, www.firecraftsafety.com	P5000-Cadet	\$100	10	90
Gloves	Fire Armor Structural Fire Glove	Pair	Firecraft, Phoenix, Knit Wrist cuff, cadet, www.firecraftsafety.com	P5000W-Cadet	\$103	10	92.70
Gloves	Pro-Tech 8: TITAN-K Structural Firefighting Glove, Kangaroo Leather/Kevlar, NFPA 1971-2013	Pair	FireDex, Dex-Pro, Leather Gauntlet, www.firedex.com	G2L	\$224	30	\$156.80
Gloves	Honeywell: Kangaroo Leather Cadet Size Super Glove, NFPA	Pair	FireDex, Dex-Pro, Leather Knit wrist www.firedex.com	G2N	\$224	30	\$156.80
Gloves	Veridian: Fire Armor Structural Firefighting Glove, NFPA	Pair	Innotex, 3D Black Kangaroo, www.innotexprotection.com	880S	\$245.20	15	\$208.42
Gloves	Shelby 5292 Tuff Glove Structural Firefighting Glove with Gauntlet	Pair	Innotex, 3D, Black Kangaroo, gauntlet, www.innotexprotection.com	885S	\$232.80	15	\$197.88
Eye Protection	Conway/Lion: Faceshield, 4" x .150 Apec (Thumbwheel Style)	Each					No Bid
Eye Protection	Conway/Lion: Faceshield Hardware, Thumbwheel	Each					No Bid
Eye Protection	Bullard: 6" Polycarbonate, Hard Coated Faceshield	Each	Bullard 6" Polycarbonate Faceshield, www.bullard.com	R325	\$104.40	30	\$73.08
Eye Protection	Bullard: Faceshield Mounting Hardware Kit	Each	Bullard Faceshield mounting kit, www.bullard.com	R151	\$26.75	30	\$18.72
Eye Protection	Innerzone 1 NFPA Goggle System With Mounting Brackets.	Each	ESS- www.esseyepro.com	740-0264	\$70.00	15	\$59.50
Eye Protection	ESS: FirePro-1971 FS Structural Firefighting Goggle Kit, Full Strap, NFPA 2013	Each	ESS- www.esseyepro.com	740-0537	\$70.00	15	\$59.50
Boots	Hellfire Rubber Felt Insulated Boot, Lug Sole	Pair	Thorogood Hellfire-www.thorogoodshoes.com	807-6003	\$304.00	15	\$258.40
Boots	Globe: Men's Supreme 14" Structural Fire Boot Pull-On, NFPA	Pair	FireDex Leather, www.firedex.com	FDXL200	\$796.00	30	\$557.20
Boots	Thorogood: 14" Oblique Toe Structural Boot, NFPA	Pair					No Bid
Boots	Pro Warrington: 5006 Ultimate Power 14" Bunker Boot, NFPA	Pair					No Bid
Boots	Honeywell: Ranger Series Model 1500 Insulated Rubber Boots, 16", NFPA	Pair	FireDex, Rubber-www.firedex.com	FDXR-100	\$353.00	10	\$317.70
Boots	HAIX: FIRE HERO XTREME 11" Leather Bunker Boot, Mens, NFPA	Pair					No Bid
Boots	Globe Men's Shadow 14" All-black Leather Structural Fire Boot, Pull-On, NFPA	Pair	Thorogood, Leather- www.thorogoodshoes.com	804-6369	\$644	35	\$418.60

Boots	Honeywell: Ranger Series Model 1000 Insulated Rubber Boots, 15", NFPA	Pair	Thorogood- www.thorogoodshoes.com	UNI-V2	\$798	35	\$518.70
Boots	Thorogood Women's Rubber Insulated Felt Fire Boot With Lug Sole, NFPA	Pair	Thorogood Hellfire- www.thorogoodshoes.com	507-6003	\$304	15	\$258.40
Turnout Gear - Coats	Globe: TheFireStore Spec Classic Coat	Each					No Bid
Turnout Gear - Coats	Fire-Dex: Nomex III Deluxe Chieftain Express Turnout Gear Coat with Q8 Thermal Liner and Stedair 3000 Moisture Barrier	Each					No Bid
Turnout Gear - Coats	Morning Pride: TheFireStore Spec Structural Firefighting Bunker Gear, NFPA 1971 - Jacket	Each					No Bid
Turnout Gear - Coats	Lion: V-Force TFS, 32" Bi-Swing Turnout Coat	Each					No Bid
Turnout Gear - Coats	Fire Dex: Gold FXA Express Coat, 7.2 oz Advance-Nomex/Kevlar	Each					No Bid
Turnout Gear - Pants	Globe: TheFireStore Spec Classic Pants	Pair					No Bid
Turnout Gear - Pants	Fire-Dex: Nomex III Deluxe Chieftain Express Turnout Gear Pants with Q8 Thermal Liner and Stedair 3000 Moisture Barrier	Pair					No Bid
Turnout Gear - Pants	Fire-Dex: Gemini XT FX-M Express Turnout Gear Pants with Caldura SL2i Thermal Liner and Stedair 4000 Moisture Barrier	Pair					No Bid
Turnout Gear - Pants	Morning Pride: TheFireStore Spec Structural Firefighting Bunker Gear, NFPA 1971 - Pants	Pair					No Bid
Turnout Gear - Pants	Lion: V-Force TFS, Turnout Pants	Pair					No Bid
Tools	Fire Axe, Inc. LAFD Polished Steel Pick Head Firefighter Axe, 6 lb.	Each					No Bid
Tools	Fire Hooks Unlimited 8 lbs 36" Chrome Forcible Entry Axe with Marrying Slot, Fiberglass	Each					No Bid
Tools	Akron Roof Hook, Compact 17" All-Steel Multi-Purpose NY-style Hook, Fulcrum Chisel	Each					No Bid
Tools	Leatherhead NY-Style Hook with Angled Chisel at Foot	Each	Leatherhead- www.leatherheadtools.com	NYH-6	184.00	20	147.20
Tools	Aazel All-Stainless 1 Piece Forged Steel Halligan Bar	Each					No Bid
Tools	Council Single Forged Allow Steel Halligan Style Forcible Entry Tool	Each	Council, TD30 Halligan- www.counciltool.com	HAL1P30	287.55	15	244.41
Tools	Tempest Technology VentMaster Husqvarna Pro 576HD Fire/Rescue Chain Saw	Each					No Bid
Tools	Akron 58" Round or Square Point Shovels, Ultra-Lite Handle	Each					No Bid
Tools	Council Tool Sledge Hammer	Each					No Bid
Tools	LoneStar Axe The PIG Forcible Entry Tool, 8 lbs.	Each					No Bid
Tools	FireHooks Unlimited: FD-760 Forcible Entry Saw	Each					No Bid
Tools	Channellock The 89 Rescue Tool with Cable Cutter	Each	Brooks	87	n/a		
Tools	EMI Window Punch, Adjustable Tension	Each					No Bid
Tools	Emi First-In Rescue Kit	Each					No Bid
Tools	Fire Hooks Unlimited The FireMaxx 14-in-1 Tool	Each	Fire Hooks Unlimited, www.firehooksunlimited.net	Firemx22	\$174	0	-

SUPPLIER'S NAME:

Banner Fire Equipment

PRODUCT	EXAMPLE PRODUCT MANUFACTURER/DESCRIPTION	UNIT OF MEASURE	EQUAL PRODUCT MANUFACTURER/DESCRIPTION	MANUFACTURER'S PART NUMBER	LIST PRICE	PERCENTAGE DISCOUNT	NET COST
Boots	Pro Warrington: 3003 8" Wildland/Station Boot, NFPA 1977	Pair					No Bid
Boots	Haix: Airpower XR1 Dual-Certified Wildland, EMS, Station Boot, NFPA	Pair					No Bid
Boots	Thorogoods 10" Wildland Hellfire Fire Boot	Pair	Thorogood Lace Up- www.thorogoodshoes.com	804-6379/504-6379	552.00	35	358.80
Boots	Thorogoods 9" Hellfire Wildland Boot	Pair	Thorogood Lace up-www.thorogoodshoes.com	804-6379/504-6379	552.00	35	358.80
Boots	Thorogoods 10" Wildland Boot with Zipper	Pair	Thorogood Lace Up- www.thorogoodshoes.com	804-6379/504-6379	552.00	35	358.58
Boots	10" I-Met Structural/TRI/Wildland Boot	Pair					No Bid
Boots	Hercules V2 9" Leather Wildland Boot	Pair					No Bid
Gloves	Pro-Tech 8: Fusion Structural / Wildland Firefighting and Extrication Glove, NFPA	Pair	Ringers- www.ringersgloves.com	R327	69.50	15	60.00 Bid
Gloves	Shelby Pigskin Wildland/Rescue Glove	Pair					No Bid
Pants	FeldFire CrewBoss Nomex Brush Pant	Pair	Lakeland yellow smoke jumper pant- www.lakeland.com	WLSPTN26	245.37	10	220.83
Pants	Coaxsher CX Wildland Brush Pant	Pair	FireDex TecGen51- www.firedex.com	XP17	891	8	819.72
Pants	Coaxsher CX Wildland Vent Brush Pant	Pair					No Bid
Pants	Vector Wildland Fire Pant	Pair					No Bid
Pants	CX Wildland Vent Pant, Tecasafe	Pair					No Bid
Pants	Crew Boss: Interface Brush Pants, NFPA	Pair	FireDex Cover pants 7.5 Nomex- www.firedex.com	WCEPNOPTP	521	10	468.90
Shirts	Vector Wildland Fire Shirt	Each	TecGen 51 fatigues- www.firedex.com	XJ47	891	8	819.72
Shirts	Coaxsher CX Wildland Brush Shirt	Each					No Bid
Shirts	Stryker Wildland Fire Shirt	Each					No Bid
Shirts	Beta Wildland Fire Shirt	Each					No Bid
Shirts	BetaX Wildland Fire Shirt	Each					No Bid
Jumpsuits	Fireline Wildland Jumpsuit, 9 oz Indura Cotton or 6 oz Nomex IIIA	Each	FireDex Standard Coveralls- www.firedex.com	FS1000	944	10	849.60
Coats/Jackets	Coaxsher: CX Urban Interface Coat	Each					No Bid
Coats/Jackets	Veridian Limited's Wildland Jacket	Each					No Bid
Coats/Jackets	PGI Fireline Wildland Coat, Yellow Nomex IIIA	Each	Lakeland yellow smoke jumper coat- www.lakeland.com	WLSCTN26	294.44	15	250.27
Coats/Jackets	Crew Boss: Interface Wildland/Urban Coat, NFPA 1977	Each					No Bid
Helmets	Bullard Wildland Helmet Hat	Each	Bullard Full Brim with Nomex ear/neck protector- www.bullard.com	FH911HR/R721YL	147.72	33	98.97
Helmets	Phenix First Due Series WILDLAND Version - OSHA Compliant	Each					No Bid
Face Masks/Shrouds	Hot Shield Wildland Firefighter Face Mask	Each	Hot Shield- www.hotshield.com	HS-2	85.00	7	79.05

Face Masks/Shrouds	Hot Shield UNI-V@ Ultra Shroud Extreme	Each	Hot Shield- www.hotshield.com	UNI-V2	55.00	5	52.25
Face Masks/Shrouds	CX Wildland Helmet Shroud	Each		507-6003			No Bid
Goggles	Wildland Fire Odyssey II Goggles	Each	ESS-Fire Pro WWW.esseyepro.com		70.00	15	59.50
Firefighting Pumps	Indian Backpack Firefighting Pumps-Galvanized	Each	DB Smith-Galvanized 90G - www.thefountainheadgroup.com	179014-1	196.25	5	186.43
Firefighting Pumps	Smith Indian Fire Pump, Steel Wildland Fire Tank with Pump, 5 Gallon	Each	DB Smith 90S Stainless Steel- www.thefountainheadgroup.com	179015-17	293.75	5	279.06
Firefighting Pumps	Smith 500 FSV Fedco SmokeChaser Collapsible Heavy Duty Vinyl Wildland Indian Fire Tank Bag with Pump, 5 Gallon	Each	DB Smith- www.thefountainheadgroup.com	179061V	163.75	5	155.56
Firefighting Pumps	Smith Indian Fire Pump, Chief 5-Gallon Heavy-Duty Dual Bag Nylon Fire Pump	Each	DB Smith- www.thefountainhead.com	190654	241.25	5	229.18
Firefighting Pumps	Hale Fyr Pak Backpack Pump	Each					No Bid
Drip Torch	Forestry Suppliers Sure-Seal Double-Bottom Drip Torch	Each	Forestry Suppliers- Pecosales.com	85066	173.00	0	173.00
Drip Torch	Mercedes Textiles Drip Torch, 1.2 US Gallon Capacity	Each					No Bid
Wildland Pack	True North Spitfire Wildland Pack	Each					No Bid
Wildland Pack	Coaxsher SR-1 Endeavor Search and Rescue Pack	Each					No Bid
Wildland Pack	Coaxsher FS-1 Spotter Mid-Weight Wildland Fire Pack	Each					No Bid
Wildland Pack	Coaxsher FS-1 Ranger Wildland Fire Pack	Each					No Bid
Wildland Pack	Coaxsher FS-1 Mojave Lightweight Wildland Fire Pack	Each					No Bid
Wildland Pack	Ranger/Endeavor 1500ci Pack	Each					No Bid
Wildland Pack	Alpha-10 Fire Line Pack System	Each					No Bid
Forest Fire Protection Shelter	Anchor Industries New Generation Fire Shelter	Each					No Bid
Radio Holster, Hip Case, Radio Chest Harness	Coaxsher Mini Radio Holster	Each					No Bid
Radio Holster, Hip Case, Radio Chest Harness	Multi-Use Hip-Case	Each					No Bid
Radio Holster, Hip Case, Radio Chest Harness	Coaxsher DR-1 Commander Dual Radio Chest Harness	Each					No Bid
Tools	Council Tools 3.75lb Pulaski Axe	Each	Council - www.counciltool.com	38PE136FC	152.32	10	137.08
Tools	Fire Hooks Unlimited Pulaski Axe with Fiberglass Handle	Each	Fire Hooks- www.firehooks.com	PUL-AXE	72.00	0	72.00
Tools	Akron 58" Round or Square Point Shovels, Ultra-Lite Handle	Each	Fire Hooks- www.firehooks.com	SHU-P55	66.00	0	66.00
Tools	Akron McLeod Wildland Fire Tool, 48" Wooden Handle	Each	Council Tool- www.counciltool.com	MT48-FSS	129.72	10	116.74
Tools	Council Pick & Shovel Combi-Tool	Each	Council Tool- www.counciltool.com	C142FSS	163.86	10	147.47
Tools	Council Tool Forest Fire Rake	Each	Council Tool- www.counciltool.com	LW12-60-F	64.70	10	58.23
Tools	Council Tool McLeod Tool	Each	Council Tool- www.counciltool.com	MT48-FSS	129.72	10	116.74
Tools	Fire Hooks Unlimited Wildland McCloud Tool	Each	Fire Hooks- WWW.firehooks.com	MLLF	84.00	0	84.00
Tools	Fire Hooks Unlimited Brush Fire Broom, 5 Ft Length	Each	Fire Hooks- www.firehooks.com	BBR-5	22.80	0	22.80
Tools	Fire Hooks Unlimited Brush Rake, 5 feet	Each	Fire Hooks- www.firehooks.com	ARF-5	57.60	0	57.60
Tools	Council Tool Fire Swatter w/ 60" Handle	Each	Council Tool- www.counciltool.com	FS15-FSS	84.54	10	76.08
Tools	Nupla Single Edge Bush Hook	Each					No Bid

RFP# 0900000564

PERCENTAGE DISCOUNT OFF MANUFACTURER'S LIST PRICE

SUPPLIER NAME: Banner Fire Equipment**EXHIBIT 3 - FIREFIGHTER'S EQUIPMENT - STATION WEAR**

PRODUCT	PERCENTAGE DISCOUNT OFF MANUFACTURER'S LIST PRICE
Shirts	No Bid
Pants	No Bid
Belts	No Bid
Hats	No Bid
Hat & Helmet Liner	No Bid
Shoes/Boots	No Bid
Other items Not listed Above in Exhibit 3 Example Products	No Bid

EXHIBIT 4 - STRUCTURAL FIREFIGHTER'S EQUIPMENT

PRODUCT	PERCENTAGE DISCOUNT OFF MANUFACTURER'S LIST PRICE
Helmets	Bullard- 35
Hoods	Majestic - 0, FireDex- 30
Gloves	Innotex - 15, FireDex- 30, FireCraft- 10
Eye Protection	Bullard-30, ESS-15
Boots	Thorogood- 35, FireDex-30
Turnout Gear - Coats	Innotex-15, FireDex-45
Turnout Gear - Pants	Innotex-15, FireDex-45
Tools Carried/Utilized by Firefighters in Structural Firefighting	Council- 10, Leatherhead-20, Fire Hooks-0, Flamefighter-25
Other items Not Listed Above in Exhibit 4 Example Products	Draeger-15, Akron-30, Streamlight-10, Elkhart-25, TFT-5, Key-40, Bullard-5

EXHIBIT 5 - WILDLAND FIREFIGHTER'S EQUIPMENT

PRODUCT	PERCENTAGE DISCOUNT OFF MANUFACTURER'S LIST PRICE
Boots	Thorogood-15, FireDex-10
Gloves	FireDex-5, FireCraft-10
Pants	Lakeland-15
Shirts	No Bid
Jumpsuits	No Bid
Coats/Jackets	Lakeland-15, FireDex-40
Helmets	Bullard-35
Face Masks/Shrouds	Hotshield-7
Goggles	ESS-15
Firefighting Pumps	Class One- 20, CET-10
Drip Torch	PECO- MSRP
Wildland Packs	DB Smith-5
Forest Fire Protection Shelter	No Bid
Radio Holster, Hip Case, Radio Chest Harness	Boston Leather-MSRP
Tools	Council-10, Leatherhead-20, FireHooks-0, Flamefighter-25
Other items Not Listed Above in Exhibit 5 Example Products	Akron-30, Harrington-20, Kocheck-20

Exhibit 3 – Firefighter’s Equipment – Station Wear

Example Shirts

5.11 Tactical Poly/Cotton Fleece ¼ Zip Shirt

11.6 ounce poly-cotton twill fleece.
5.11 Tactical’s own stain resistant finish.
Chest Breakthrough™ pocket with VELCRO® divider.
Handwarmer pockets on both sides.
Mic pockets at both shoulders.
Pen pockets on left sleeve.
Secure cuffs and hem.
No-roll collar with locker loop on inside.
YKK® zipper hardware.
Accepts embroidery and silk screening well.
Water Repellent Storm Fleece ¼ Zip Shirt.

5.11 Tactical Water Repellent Storm Fleece 1/4 Zip Job Shirt

100% water repellent.
Fade, shrink, and wrinkle resistant.
Chest breakthrough pocket with hook and loop closure.
Side seam hand warmer pockets.
Mic clip pockets at shoulders.
Pen pockets on left sleeve.
Secure cuffs and hem.
1/4 zip front.

5.11 Tactical Men’s ¼ Zip Shirt with Canvas Collars and Elbows

11.6 ounce poly-cotton twill fleece.
5.11 Tactical’s stain resistant finish.
Traditional canvas details for a timeless look and feel.
Chest Breakthrough™ pocket with VELCRO® divider.
Handwarmer pockets on both sides.
Mic pockets at both shoulders.
Pen pockets on left sleeve.
No-roll collar with locker loop inside.
YKK® zipper hardware.
Secure cuffs and hem.
Accepts embroidery and silk screening well.

Game Sportswear 870-T The Firefighter's Zip JobShirt

20 oz. 95% cotton/5% polyester super weight fleece.
Zip turtleneck.
Set-in sleeves.

Knit cuffs and bottom band.
Brass zipper.
Side seam pockets.
9" right chest radio pocket.
Made in the USA.

Workrite Men's Classic Short Sleeve Fire Chief Shirt

Fabric: 4.5 oz. Plain Weave
Blend: 93% Nomex® Aramid/ 5% Kevlar® Aramid/ 2% Antistatic Fiber
Care: Handwash
Finish: Autoclave
Closure: Faux button-front with hidden snap closure for easy on/off
Pocket: Spade chest pockets and flaps with hook-and-loop closures for secure storage

5.11 Tactical, Tactical SS Polo Shirt

6 oz. 100% Cotton Jersey.
Tough melamine buttons.
No Roll Collar.
Mic-loop pockets located at each shoulder and placed at the bottom of the placket at the sternum level.
Reinforced dual pen pockets.
Accepts embroidery and silk screening.
Fade, shrink, and wrinkle resistant.

5.11 Tactical Professional Long Sleeve Polo Shirt

6.8 oz. – 100% Cotton Pique to prevent fading, wrinkling and shrinking.
Tough melamine buttons.
No Roll Collar with flexible collar stays.
Reinforced dual pen pockets on left sleeve.
Accepts embroidery and silk screening well.
Long Sleeve.
Assorted colors.
Tall sizing adds two inches to the length.
Fade, shrink, and wrinkle resistant.

Propper Men's I.C.E. Integrated Cooling Effect Performance Polo

The fabric is a 90% Polyester/10% Spandex blend that includes an advanced 6-channel wicking fiber that broadens the surface area pulling moisture away from the body and drying quickly to keep you cool and comfortable.
Propper I.C.E.™ Integrated Cooling Effect technology is engineered into the fibers so it won't wash out.
Dries 125% faster than cotton and 30% faster than traditional polyester.
Gusseted mesh underarm increases ventilation and range of motion.
Durable fabric stands up to intense activity and resists fading, wrinkling and pilling.
DuPont® Teflon™ fabric protector repels stains and liquids.
Microphone clips on both shoulders and sunglass clip under placket.

Hidden collar stands.
Longer tail in back keeps shirt tucked in.

LION StationWear, Bravo Short Sleeve Uniform Shirt, Poly/Cotton

4.5 oz/yd. 65% poly/35% cotton plain weave navy fabric.
Fully cured for permanent press.
Easy to maintain.
Maintains shape even after multiple washings.
Seven-button dress front placket for professional appearance.
Five sewn-in military creases.
Box-pleated breast pockets with scalloped three-point flaps.
Flaps have hook and loop closures with decorative buttons.
Left pocket flap has slot for pencil/pen.
Interior sling badge holder reinforced from shoulder seam to reduce badge rip or sag.
Functional shoulder epaulets.
Fuse-banded dress collar stays straight and smooth.
Comfortable short sleeve style.

Fabric Performance

No flame resistance and will melt under high heat.
Moderate moisture gain.
Should not be considered where critical static control is required.
Requires at least "touch-up" ironing.
Very low shrinkage.
Good color fastness.
2-3 year estimated wear life.

5.11 Tactical, Taclite Pro Long Sleeve Shirt

4 oz., 65% polyester/35% cotton ripstop.
Teflon treated for stain, liquid and soil resistance.
Document pockets – may be hidden.
Pen pockets on left sleeve.
Double-reinforced elbow.

LION StationWear: Bravo Short Sleeve Uniform Shirt, NOMEX IIIA

4.5 oz/yd. NOMEX IIIA plain weave fabric.
Certified to meet NFPA 1975.
Fully autoclaved for permanent press appearance.
Easy to maintain.
Maintains shape even after multiple washings.
Seven-button dress front placket for professional appearance.
Five sewn-in military creases.
Box-pleated breast pockets with scalloped three-point flaps.
Flaps have hook and loop closures with decorative buttons.
Left pocket flap has slot for pencil/pen.

Interior sling badge holder reinforced from shoulder seam to reduce badge rip or sag.
Functional shoulder epaulets.
Fuse-banded dress collar stays straight and smooth.
Comfortable short sleeve style.

Fabric Performance - Nomex® IIIA

Aramid fiber manufactured by DuPont. Blend of 93% NOMEX, 5% KEVLAR, and 2% static dissipative fiber.

Inherently flame resistant.

FR cannot be degraded by laundering.

Char length less than 4".

Moderate moisture regain.

Should not be considered where critical static control is required.

Easy to maintain.

Very low shrinkage.

Color can change with overexposure to UV.

Estimated wear life is three to four years.

Elbeco: Textrop2 Ladies Choice Short Sleeve Shirt

Graded chest and waist dimension for flattering fit and increased movement.

Expanded chest and waist dimension for increased movement.

Armhole and sleeve shaped for more comfortable fit and appearance.

Graded body length for less bulk.

Increased hip sweep to fit a woman's body shape.

Stretch 100% textured polyester - tropical weave fabric.

Weight is 5-5.5 oz./sq. yd. - 9.5-10 oz./linear yd.

Machine washable.

Badge eyelets with internal support strap.

Melamine high impact buttons.

Removable button feature on pocket flaps and shoulder straps to accommodate metal buttons.

Two fully functional pleated pockets with scalloped flaps, hook and loop closure, and pen opening in both pockets and pocket flap.

Internal collar stays.

Cotton-blend lined inner yoke.

Three stitched-in military creases on shirt back and two on shirt front.

Cross-stitched shoulder straps with non-functional button for mic attachment (navy only), functional button (all other colors).

Nano Moisture Wicking technology captures and pulls fluids and perspiration away from the skin and spreads it over the fabric surface area for quick evaporation to keep you dry and comfortable.

Fabric: Stretch 100% textured polyester - tropical weave.

Utility pockets under each chest pocket with hook and loop closure.

Single-needle detailing for tailored professional appearance.

Fully-lined front placket with seven-button front.

Extra-long tails keep shirt tucked in.

Comm wire access openings in both side seams.

Top-fused convertible collar.

Flex Underarm Vent allows for body heat ventilation and increased mobility, available in short and long sleeve.

Elbeco: Ufx Performance Tactical Women's Polo

Short Sleeve.

4-way Xeede™ stretch and mobility.

Permanent moisture wicking, anti-microbial nanotechnology to reduce odor-causing bacteria.

UV 40+ protection.

Soft to the skin.

Excellent durability.

Color fastness through multiple washings.

7.25 oz./sq. yd.

Machine washable.

Dual hidden mic shoulder pockets and center mic loop so you can place your mic where you want it.

Melamine high impact buttons.

Tagless neck for no-scratch comfort; no-curl knit collar with collar stays for a professional appearance.

Extra-long body with side gusset panels for improved fit and mobility.

Available in short sleeve with hidden pen pocket on sleeve for easy access.

Comfort cut allows for wear over body armor.

Optional embroidery available.

Example Pants

TRU-SPEC: 24-7 Series, Poly-Cotton Ripstop Men's Pants

Designed for durability, full function and superior wearability.

Comfort and performance for almost any situation.

Tough, all-season Poly/Cotton Ripstop fabric.

Comfort Fit Slider Waistband accommodates paddle or ITP holsters without adjustable side tabs.

Deep and plentiful pockets designed for secure storage of professional and personal gear.

Rip-stop pants constructed from Teflon® coated 6.5 oz. 65/35 polyester/cotton ripstop fabric.

Unique pocket design and configuration for a completely casual appearance and secure storage for all your duty requirements or personal gear.

Comfort Fit Slider Waistband Construction comfortably accommodates either paddle style or inside-the-pants holster.

Extra deep front slash pockets can hide a pocket holster or hold a lot of gear.

Customized Tru-Spec® original Prym snap.

YKK® brass zipper.

Engineered dimensional fit.

Two knife/accessory pockets with stiff fusing interlining.

Two cargo pockets with hook & loop closures and bellowed side gussets.

Two internal magazine compartments in both cargo pockets.

Cell phone/magazine pocket.

Double reinforced knee with built in knee pad pockets.

Workrite Men's Classic Firefighter Pant (Full Cut)

Made with Nomex® IIIA fabric and autoclaved with our proprietary PerfectPress®.
Triple-needle felled side and seat seams offer superior durability.
Legs feature silicone beading for durable creases.
One piece fully finished waistband.
Two slack-style front pockets.
Two rear welt pockets (left pocket has button tab closure).
Metal shank button closure.
Diamond crotch gusset brings greater comfort and mobility.
Heavy-duty brass zipper.
Full cut pant features a looser fit through thighs and seat for added comfort.

5.11 Tactical: Women's Taclite EMS Pant

Lightweight 6.14 oz. poly-cotton Taclite™ ripstop fabric.
Treated with Teflon® for stain, soil and liquid stain resistance.
Comfortable, self-adjusting tunnel waistband that moves with you.
Inside of the waistband features gripper material to keep your shirt tucked in.
Gusseted crotch that allows freedom of movement and virtually eliminates seam failure.
Prym® snaps and YKK® zipper.
5.11 Double-Time™ belt loops - Extra-wide 1-1/2" belt loop with a thinner 3/8" loop on top of that to attach a radio strap or other accessories.
Full-size cargo pockets with internal dividers and external EMS-specific pockets.
Utility pockets at the calf.
Regular = 31" - Long = 35".
Two layers of fabric in the seat and knees for durability and quality.
Extra-deep front pockets.

5.11 Tactical: Women's EMS Pants

Superior fit, sits on natural waist.
7.25 Ounce Poly-cotton Twill.
Teflon® treated.
Self-adjusting tunnel waistband.
Two cargo pockets.
Rear web strap.
Full-size cargo pockets with internal dividers.
External EMS specific Pockets.
Tough Cuff hem.
Double-Time™ belt loops.
YKK® zippers.
Prym® snaps.
Two layers of fabric in the seat and knees for durability and quality.
Extra-deep front pockets.

5.11 Tactical: TDU Poly/Cotton Twill Pants

7.5 oz 65% polyester, 35% cotton twill.
Expandable comfort waist with reinforced waist band.

BBS cargo pockets with magazine keepers and hook-and-loop closures.
Double seat.
Teflon treated.
YKK zipper, Prym snap.
Rear utility pockets with hook-and-loop closures.
Triple-stitching and 45 bartacks for strength.
Removable twill blousing straps.
Available in sizes XS-4XL in Short, Regular, and Long lengths.

Example Belts

Boston Leather: 1-3/4" Garrison Belt

10-12 ounce, drum dyed full grain English Bridle leather.
Chrome or Gold Buckle.
Available in Plain or Basketweave.
Available in Leather or Clarino.

Boston Leather: 1-1/2" Belt

Made with same quality materials and superior craftsmanship as Boston Leather's duty belts.
10-12 ounce, drum dyed full grain English Bridle leather.
Chrome Buckle.
Available in Leather or Clarino with Plain Black or Basketweave finish, stitched or not stitched.

5.11 Tactical: TDU Belts - Polymer Buckle, 1.5" or 1.75"

All the strength and advantages of 5.11's 1.75" Operator Belts and 1.5" Trainer Belts; but, with a airport friendly, patent pending non-metallic, low profile buckle.

5.11 Tactical: Trainer Belt

Buckle features 6000 lbs. rating.
5.11's own low-profile solid-cut stainless-steel buckle with matte black finish.
Passes MILSPEC Rating.
Trainer belt features double-thick, 1 1/2" five-row stitched webbing provides plyable, yet firm support for belt-worn accessories.
Working end slanted for ease-of-use.

Example Hats

Flexfit: Acrylic-Wool Low Profile Cap

83% acrylic / 15% wool / 2% spandex.
Flexfit® stretches for comfort and shape retention.
Front crown with fused buckram backing.
Spandex woven into crown and sweatband for comfort.
3 1/2" crown height.

Available in various colors, sizes S/M or L/XL.

Flexfit: Wooly Combed Twill Fitted Hat

6-panel, mid-profile wool-like texture fitted cap.

Rounded athletic shape and fused hard buckram sewn into the front of the crown.

Silver under-visor.

Material: 63% Polyester / 34% Cotton 3% / Spandex.

Medium: 6 3/4" - 7 1/4".

Large: 7 1/8" - 7 5/8".

X-Large: 7 5/8" - 8".

True North: DragonWear Nomex Fleece, Double Shot Hat

All materials are inherently flame resistant and meet or exceed the NFPA 1977 (2005 edition) Standard on Protective Clothing and Equipment for Wildland Fire Fighting. Meets ASTM F1506.

Inherent Flame Resistance.

Outstanding Insulation.

Good Chemical Resistance.

Superior Thermal Protection.

Excellent Breathability.

Significant Stretch.

Single layer fleece construction on top.

Double layer fleece construction on side over ears.

Made in the USA.

Fleece Fiber Content – Nomex IIIA (93% Nomex®, 5% Kevlar®, 2% Carbon).

Fleece Fabric Weight – 14.4 oz. sq./yd.

Fleece ARC Rating (ATPV) – 18 c/cm.

Thread - 100% Nomex®.

Thread conforms to government specifications A-A-55217 and MIL-T-83193B.

Flexfit: Heavyweight Cuffed Knit Cap

100% hypoallergenic acrylic.

Approximately 12" long.

Super dense knit allows for easy embroidery.

Hand washable.

One size fits all.

Example Hat & Helmet Liner

NoSweat: Disposable Hat & Helmet Liner

Benefits:

Keeps sweat out of your eyes & glasses.

Reduces FOGGING in glasses, masks and eye protection.

Prevents NASTY Sweat Stains on your LID.

Reduces Odor.

Sticks inside the front and/or back of any LID.
Comfortable -- Thin, soft, and lightweight.
Hypoallergenic -- Helps prevent acne & skin irritation.
100% AMERICAN MADE.

OSHA & ANSI Compliant.

Example Shoes/Boots

Thorogood: ASR Black Leather Slip-On Shoe

Available with or without Safety Composite Toe.
Black Full Grain Soft Leather/Black Action Leather Upper.
Cement Construction.
Moisture Wicking Comfort Weave Lining.
Super Comfort Polyurethane Removable Footbed/Insole.
Super Light EVA Midsole.
Engineered Composite Shank.
Super Slip Resisting Rubber Outsole.
100% Non-Metallic Construction.
Padded Collar and Tongue.
Electric Hazard Resistant.

Footwear meets or exceeds the ASTM F2913-11 SATRA Test Method TM144 Standard for slip resistance.
Tested for and meets CAN/CSA-Z195 ELECTRIC SHOCK RESISTANCE.

Haix Airpower R2 8" Station/EMS Boot with Crosstech, Men's, NFPA

Upper material is soft, supple waterproof leather; hydrophobic, breathable, 1.8 – 2.0 mm thick.
HAIX® Climate System Every step produces a pumping movement that literally blows moisture outside through air-permeable materials and larger air holes in the upper leg.
Provides excellent arch support which, when combined with the heel construction, holds and stabilizes your foot while allowing more freedom of movement in the forefoot area.
Heel bend improves ankle flexibility and increases freedom of movement while retaining ankle stability.
Reduces pressure on the Achilles tendon while kneeling and/or driving.
CROSSTECH® moisture barrier is waterproof, breathable, bacteria and chemical resistant, bloodborne pathogen resistant.
CROSSTECH® inner lining is 4 layers, with inner Cambrelle® lining especially abrasion resistant, softly padded with breathable foam.
Footbed is anatomically formed, quick change, machine washable insert with excellent moisture absorption and quick drying qualities.
Insole is anatomically formed Texon fleece absorbs moisture and supports ankle.
Foam is injected into the midsole to optimize shock absorption and insulate against temperature extremes.
Anatomically formed protective toe cap meets ASTM F 2413-05, CAN/CSA Z 195-2002 standard for protective footwear.
Protective flexible midsole is stainless and case into the sole. Meets ASTM F 2413-05, CAN/CSA Z 195-2002 standard for personal protection - protective footwear.

Slip resistant rubber sole with polyurethane damping wedge, self cleaning tread, non-marking, oil and fuel resistant, with antistatic characteristics.

Puncture protection sole.

Zipper is securely mounted in the boot to allow for very quick entry and exit with optimum comfort while limiting lace exposure to snags.

Novel terrain and street tread with 3 tread levels for longer service life.

Superior wear resistance, excellent anti-slip properties even in the cold, resistant to oil and fuel, non-marking.

Anatomically formed and softly padded tongue, integrated heel bend, raised tip.

Meets NFPA 1999-2013 edition, ASTM F 2413-05, CAN/CSA Z 195-2002.

5.11 Tactical Company 2.0 Station Boot

Light weight.

More cushioning.

Fully Supportive Upper.

Full grain polishable leather.

5.11 Quick Call Collar™ perforated neoprene bootie.

5.11 Stay flat pull tabs.

5.11 Kick Plate™ kick off plug.

Antibacterial and moisture wicking lining Midsole.

Full length Injected Phylon.

OrthoLite® insole Outsole.

A.T.A.C. outsole.

Oil and Slip resistant.

Defined heel break.

Toe and heel fence climbing lugs.

Stability and traction lugs throughout.

Black only.

Available in a wide range of Men's sizes from 4 – 15, Reg. & Wide.

Imported.

Thorogood: The Deuce 6" Waterproof Side Zip w/ Composite Toe Station Boot

Upper: Black Full Grain Leather/Black Action Leather/1200 Denier Nylon.

Construction: Cement.

Lining: Two Zone Wicking Mesh / Thoro>dri™WATERPROOF System, Blood Borne Pathogen Compliant.

Insole: Removable Two Density Polyurethane "SHOCK ZONE" Footbed with Air Flow Vents.

Shank: Engineered Composite.

Outsole: Two Density Rubber with Integrated EVA Impact Pads.

Special Features

Molded Rubber Heel Stabilizer.

Non-Metallic Construction.

ASTM F2413-11 M I/75/C/75 COMPOSITE SAFETY TOE.

EH Rated.

Tested For and Meets CAN/CSA-Z195 18,000 Volts Electrical Shock Resistance Standard.

Heavy Duty YKK Side Zipper.

Exhibit 4 – Structural Firefighter’s Equipment

Example Helmets

Cairns N6A Houston Black Leather Helmet, OSHA Certified

Not NFPA certified.

Hand crafted 100% leather shell.

An engineered impact cap of high-temperature rigid urethane foam with a tough Lexan outer dome and an ABS inner liner. Provides advanced thermal, impact, and penetration protection. Designed to increase protection at the sides where it’s needed most.

Cairns' six-way overhead strap suspension system reduces shock transmission at the top of the helmet while providing a snug, comfortable fit.

Sateen cotton liner with leather brow patch sewn to high density foam backing around the entire circumference of the liner.

Soft black Nomex chinstrap with one-hand quick release buckle and postman slide allows quick and easy adjustment.

Three-position, rear-ratchet height adjustment ensures a secure and comfortable fit, with or without SCBA gear, for all head sizes

Jumbo earlaps for increased neck coverage and protection.

Larger diameter helmet hanger fits on larger hooks and racks.

5-year shell replacement warranty.

Can be fitted with eyeshield, 4” faceshield, and NFPA 1971 certified goggles.

Cairns: N5A New Yorker Natural Leather Helmet, OSHA

Hand crafted 100% leather shell.

An engineered impact cap of high-temperature rigid urethane foam over an ABS inner liner. Provides advanced thermal, impact, and penetration protection. Designed to increase protection at the sides where it’s needed most.

Cairns' six-way overhead strap suspension system reduces shock transmission at the top of the helmet while providing a snug, comfortable fit.

Sateen cotton liner with leather brow patch sewn to high density foam backing around the entire circumference of the liner

Soft black Nomex chinstrap with one-hand quick release buckle and postman slide allows quick and easy adjustment.

Three-position, rear-ratchet height adjustment ensures a secure and comfortable fit, with or without SCBA gear, for all head sizes

Jumbo earlaps for increased neck coverage and protection.

Larger diameter helmet hanger fits on larger hooks and racks.

Insurance against fireground damage with Cairns 5-year shell replacement warranty.

Exceeds US-OSHA (CFR 1910) NBSIR-1977

Premium Configuration Includes

Carved brass eagle 6-inch front holder.

Black Nomex Earlaps.

Bourke Eyeshields.

Bullard Traditional Fire Helmet Matte Finish

Helmet sports a textured, matte finish giving it the rugged look of a leather helmet.
Thermoglas® outer shell.
Urethane foam impact cap.
Brass eagle.
6-point crown strap.
Sure-lock ratchet headband with removable brow pad.
Nomex chin-strap with quick release buckle and postman slide.
Black nomex ear/neck protector.
Can be fitted with NFPA 1971 – 2013 certified goggles.
Can be fitted with flip down eyeshield.
Can be fitted with NFPA 1971 – 2013 certified faceshield.

Morning Pride Lite Force Plus Low Rider Modern Helmet, NFPA

Helmets are made from their special "FYR-Glass" formula composite.
New and improved "Low Rider" delivers a lower center of gravity.
6 point suspension system provides a full 1.5" of adjustment for quick and easy custom fit.
Specially made headliner cradles your head in comfort while it cushions overhead straps away from your hair and head.
Internally protected straps cannot be affected by external heat or flame.
Yellow Nomex earlaps are 4.5 oz. 2 Layer Nomex FR Cotton.
No accidental creeping down the face, nose dig or fogging problems.
Works over eyeglasses and no ear cover interface problems.
Adjustable headband with four position depth adjustments.
Hang-up loops large enough to fit over a peg.
NFPA 1971, 2007 Edition Certified.

Additional Specifications

NFPA 2007 Edition Certification.
NFPA 1971, 2007 Edition.
Earcovers: 4.5 oz. Nomex 2 Layer FR Cotton, Yellow, 2007 Edition.
Reflexite Bars: 1" x 4" LF Plus, Yellow.
Chinstrap: Nomex quick release Postman Slide.
Headband/Ratchet Cover of Indura Cotton.
Warranty: 5 years for the composite shell and 3 years for the thermo-plastic shell.
Can be fitted with eyeshield, 4" faceshield, and goggles.

Morning Pride: Ben 2 Low Rider Helmet NFPA 2013 Certified

New and improved "Low Rider" delivers a lower center of gravity.
6 point suspension system provides a full 1.5" of adjustment for quick and easy custom fit.
Stronger, lighter, and a great value with field proven proprietary shell material that provides superior heat protection with 39% more resistance to impact penetration than conventional fiberglass material.
Internally protected suspension straps cannot be affected by external heat or flame.
Gold plated eagle front holder won't bend and flop like hollow brass ones.
Includes black Nomex earlaps.
Specially made headliner cradles your head in comfort while it cushions overhead straps away from your hair and head.
Useable hang-up loops are actually large enough to fit over a peg.
Headband/ratchet will fit the largest range of hat sizes of any NFPA helmet on the market- from under 6 to over size 9.

Four position depth adjustments on the headband. No tools needed.
Internally protected suspension straps cannot be affected by external heat or flame.
Gold Plated Eagle.
Available with Black or Yellow Nomex Earlaps.
Warranty: 5 years for the composite shell and 3 years for the thermo-plastic shell.
Can be fitted with EZ Flips, goggles, 4" faceshield, or EZ flips and goggles.

Honeywell: The EV1 Traditional Firefighting Helmet, with Internal EZ TouchFace Eye Protection, NFPA

Only traditional helmet on the market below 52 ounces in weight.
Proprietary internal EZ TouchFace Eye Protection.
Leather headband and ratchet cover with mesh crown – standard.
Low profile design provides superior comfort, optimal fit, and improved balance.
Certified to NFPA 1971.

Standard Features of the EV1 – Traditional

Proprietary Internal EZ Touch Face and Eye Protection with Safety Lock allows for one-touch deployment of your face protection.
Lightweight and very balanced - weighs less than 52 oz.
The UV-resistant mat shell finish shell is constructed of composite fiberglass for durability.
6-point suspension with hook and loop headband system for exact adjustment.
Impact liner is made of rugged and durable polyurethane.
EZ Clip, Reversible Chinstrap with Quick-release Buckle and Postman Slide allow for easy adjustment and proper fit.
Leather Headband and Ratchet Cover with Mesh Crown is standard on all models.
Black Nomex 2-layer FR cotton ear covers are securely attached yet easily removed for cleaning.
Large hang-up loop is big enough to easily fit over a peg.
Anti-catch Safety Bracket for Leather Fronts is exclusive on these traditional helmets.
8 Reflexite Lime Trapezoids provide reflective trim.
Golden Alloy-plated Traditional Eagle Front Holder.
Bulldog Edge Beading.
Certified to NFPA 1971.

Phenix: TL-2 Traditional Leather Firefighting Helmet

Choice of eye protection: ESS Goggles only, Bourkes only, or ESS Goggles and Bourkes.
Top grade veg-tanned leather shell with commemorative 9-11 filigree design.
High temperature thermoplastic dome.
Exclusive Phenix suspension liner with ratchet system is fully adjustable from size 6-1/2 to 8-1/2.
Combination Nomex chinstrap with both postman slide and quick-release buckle.
Eight 3M lime-yellow NFPA reflective tetrahedrons.
Available in Red, Black, Yellow, Natural and White.
Can be fitted with NFPA 1971-2013 certified ESS FirePro Goggles or OSHA compliant Bourke-style flip down eyeshields.

The FireStore Standard First Due 1500-TL2 NFPA Helmet

Standard Model T-2 with Bourkes meets OSHA requirements.
Top grade veg-tanned leather shell with commemorative 9-11 filigree design.
High temperature thermoplastic dome.

Closed cell energy absorption impact cap.
Exclusive Phenix suspension liner with ratchet system is fully adjustable from size 6-1/2 to 8-1/2.
Custom comfort pad installed on suspension liner cradles and cushions your entire forehead.
Black detachable 8" earlaps of Nomex and FR cotton.
Combination Nomex chinstrap with both postman slide and quick-release buckle.
American made brass Rising Phenix finial holds standard and wide leather 6-1/4" Leather Shields (sold separately).
Eight 3M lime-yellow NFPA reflective tetrahedrons.
D-ring on rear brim for easy storage.
Choice of eye protection:
 ESS FirePro 2 Goggles with snap-on-snap-off mounting posts under brim for a low profile attachment and fast repositioning.
 Bourke-style clear flip-down eyeshields
 Both ESS FirePro Goggles and Bourke-style clear flip-down eyeshields.

Phenix: TL-2 Traditional Leather Helmet with TL-2 Combed Leather Shell Miller Upgrade

Top grade veg-tanned leather shell with commemorative 9-11 filigree design.
High temperature thermoplastic dome.
Closed cell energy absorption impact cap.
Exclusive Phenix suspension liner with ratchet system is fully adjustable from size 6-1/2 to 8-1/2.
Custom comfort pad installed on suspension liner cradles and cushions your entire forehead.
Black detachable 8" earlaps of Nomex and FR cotton.
Combination Nomex chinstrap with both postman slide and quick-release buckle.
American made brass eagle finial holds standard and wide leather 6-1/4" Leather Shields (sold separately).
Eight 3M lime-yellow NFPA reflective tetrahedrons.
D-ring on rear brim for easy storage.
Choice of eye protection:
 ESS Innerzone 2 Goggles with snap-on-snap-off mounting posts under brim for a low profile attachment and fast repositioning.
 Bourke-style clear flip-down eyeshields (*This configuration meets OSHA requirements, only.)
 Both ESS Innerzone 2 Goggles and Bourke-style clear flip-down eyeshields

Cairns: 1044 Helmet, Black, NFPA, OSHA

Tough, through color, DuraGlas® fiberglass and high-temp resin composite resists cracking and chipping.
Perfect combination of durability and performance in a lightweight design.
Three-position, rear-ratchet height adjustment ensures a secure and comfortable fit.
Six-way overhead strap suspension system reduces shock transmission at the top of the helmet while providing a snug, comfortable fit.
Certified to meet NFPA 1971 Specifications, 2013 Edition for Structural Fire Fighting.
All earlaps come in yellow.
Lower profile and superior balance.

Features & Benefits

Cairns innovative Defender Visor with a scratch- and thermal-resistant, slightly tinted Tuffshield lens.
Tough, through color, DuraGlas® fiberglass and high-temp resin composite resists cracking and chipping and provides a perfect combination of durability and performance in a lightweight design.

An engineered impact cap of high-temperature rigid urethane foam with an ABS inner liner. Provides advanced thermal, impact, and penetration protection. Designed to increase protection at the sides where it's needed most.

Cairns' six-way overhead strap suspension system reduces shock transmission at the top of the helmet while providing a snug, comfortable fit.

Leather (Deluxe) cushion liner removable for washing and upgrading, provides greater ease and comfort. Soft black NOMEX chinstrap with one-hand quick release buckle and postman slide allows quick and easy adjustment.

An exclusive SCBA interface front headband adjustment matches the fit of any SCBA mask.

Three-position, rear-ratchet height adjustment ensures a secure and comfortable fit, with or without SCBA gear, for all head sizes.

Jumbo earlaps and patented shell release increase neck coverage and protection, all allow easier maintenance.

Larger diameter helmet hanger fits on larger hooks and racks.

Insurance against Fireground damage with Cairns 5-year shell replacement warranty.

Can be fitted with Bourke Eye Shield, 4" Tuffshield Visor, Defender.

Example Hoods

Majestic: PAC II 100% Nomex Natural Hood, NFPA 1971-2013

Smooth fit in Majestic's most popular long bib design.

Wider width for air circulation keeping end user cooler.

Generous width and size means less fabric stretch.

The more surface area for moisture disbursement the quicker moisture will evaporate - keeping user dry.

Maintains protective properties after washing.

MFA hoods offer the most square inches of protection.

Universal sizing.

Elastic face opening.

100% Nomex fabric.

Seams are merrow stitched with the top and bottom covered with a 5-thread cover stitch.

Wear resistant binding.

Available with notched shoulder.

Majestic: PAC III, 100% Nomex, Black, NFPA 1971-2013

Fullest coverage *certified* to NFPA 1971-2013.

Shoulder inserts for added shoulder protection.

Long length for optimum coverage.

Wider width for air circulation keeping end user cooler.

Generous width and size means less fabric stretch.

The more surface area for moisture disbursement the quicker moisture will evaporate - keeping user dry.

100% Nomex fabric.

All thread used is 100% Nomex.

Maintains protective properties after washing.

MFA hoods offer the most square inches of protection.

Universal sizing, Black Nomex.

Hoods also comply with CAL/OSHA standards.

PGI: Cobra™ Ultimate™ Carbon Shield™ Hood, NFPA Certified

Extra Long Double Ply Hood throughout.
Arc Rating: 23.3.
HRC Rating: 2.
X-Long length covers chest, shoulders and shoulder blades.
Flat stitched seams.
X-heavy 1/2" wide elasticized face opening.
Cover stitched bound drape.
Double-ply hood throughout.
UL Classified to NFPA 1971: Standard on Protective Ensembles for Structural Fire Fighting and Proximity. Fire Fighting – Current Edition.
Meets CAL-OSHA Requirements.
Complies with OSHA Rule 29 CFR part 1910, 269.
Non-Shrinking.
One size fits all.

Fabric

Both outer shell and lining are a blend of Carbon/High Strength Aramid-approx.6.5 oz sq yd.
1 x 1 rib knit fabric - knit to allow approx. 200% stretch for maximum stretch and recovery.
Calendared to minimize laundry shrinkage.

Stitch Types and Seams

All stitching conforms to Federal Standard 751 Specifications (FED-STD-751).
Major seams are flat seam assembled, stitch type 607.
Elastic in face opening is serged in with stitch type 504 and reinforced with bottom cover-stitch, stitch type 406.
Binding is applied with bottom cover-stitch, stitch type 406.

Thread

All seams are sewn with 100% Nomex® thread size Tex 40.

Construction

Composed of two layers throughout.
For a contoured fit the hood is seamed from top of face opening to back of head.
Face opening is circular in shape and serged with x-heavy duty 1/2" wide elastic around the perimeter. The elastic is then folded back 1/2" and cover stitched. The face opening stretches a full 16" (which is 25% more than conventional hoods) for easy donning and a snug fit around face of SCBA mask. Face opening maintains original shape after repeated launderings.
The bottom edge of hood is bound with self-material bias binding.
Gusset added at side seams to provide complete shoulder coverage and smoother drape.

Measurements

Face opening is circular and measures between 4.6" to 5.6" in diameter.
Length of hood below face opening approx. 12".
Length of hood at side from top to bottom approx. 17".
Length of hood at back from top to bottom approx. 19½".
Length of hood at front top to bottom approx. 20".

Fabric Performance Values

Arc Thermal Performance Value (ATPV) 23.3

Thermal Protective Performance

Initial (seconds)	24
After 5 washings (seconds)	27.6
After Flame	
Initial (inches)	0 x 0
Warp (wales) x Fill (Courses)	
After 5 washings (seconds)	0 x 0
Char Length	
Initial (inches)	2 x 1.9
After 5 washings (inches)	1.4 x 2.3
Fabric Burst Strength (N)	287
Seam Burst Strength (N)	469.1
Heat and Thermal Shrinkage	
After 5 washings	0%
Limiting Oxygen Index (LOI)	55
Melt or Drip when exposed to flame	None

Majestic: PAC II Ultra C6, SVZ, NFPA 1971-2013

NFPA 1971-2013 Edition and is *UL Certified*. Meets or exceeds Cal/OSHA Standards.

Fire Retardant vented fabric strip along head allows for body heat to escape.

2-piece design with notched shoulders.

All seams are merrow stitched then top and bottom covered with a 5-thread cover stitch for extended durability.

All bottom edges are bound and sewn with 100% Nomex® thread.

Stitching color contrasts with hood color, enabling easy advanced inspection of thread stitching.

Black Ultra C6 Carbon Knit.

One size fits all.

2 Ply Head Specifications

Overall Hood Length: 21".

Length: 13" from top of head to neck.

Width: 9" from back seam to top of face / 11" from back seam to bottom of head.

Vent Zone: 3" wide FR fabric vent from top of forehead to base of neck.

Full Face Opening Circular Measurement (120 mm - 145 mm) Elastic Face Opening stretches to accommodate a circumference of at least 31" (800 mm) for ease of donning, snug fit, and proper seal with SCBA. Sewn with 1/2" elastic. Elastic is encapsulated in material and cover stitched.

2 Ply Bib Specifications

Length: 8" (front and back).

Notched Shoulder: 15" from top of head to bottom of notched.

Majestic: PAC IA Economy Nomex Blend White Hood, NFPA 1971-2013

Economical offering certified to NFPA 1971-2013.

Also complies with Cal/OSHA standards.
Notched shoulder reduces bunching of material.
Notched shoulder for contoured fit (shoulders exposed).
Wider width for air circulation keeping user cooler.
Generous width and size means less fabric stretch.
The more surface area for moisture disbursement, the quicker moisture will evaporate - keeping user dry!
Maintains protective properties after washing.
MFA hoods offer the most square inches of protection!
Nomex Blend.

Example Gloves

Ergodyne ProFlex Fire & Rescue Performance Gloves

Rugged Armortex-reinforced palm and thumb saddle.
Reinforced fingertip gripping zones; EVA palm pad.
Double-needle Kevlar stitching.
Stretch spandex shell for comfort and fit.
EVA knuckle pad with reflective pattern.
EN 388: 4243.

Ergodyne ProFlex Fire & Rescue Rope Gloves – Black

Double-layer synthetic leather palm and fingers.
Reinforced EVA-padded rope channel.
Double-needle Kevlar stitching.
Stretch spandex shell for comfort and fit.
Adjustable wrist cinch anchor for extra security.

Fire Pro II Structural Fire Glove

Flame and heat resistant 3.5 to 4.0 oz. eversoft cowhide leather with a 60+ TPP rating for overall heat protection.
Double layer of 6 oz. FR modacrylic liner on back of hand for added heat protection.
Full sock liner made of 6 oz. no drip no melt stitch-bonded FR modacrylic.
3 mil breathable Pryotect Barricade barrier is 100% water proof, protects from viral/chemical penetration and blood borne pathogens.
4" Nomex® wristlet with leather pull patch.
Gauntlet style has a 2 inch all leather cuff sewn at top of glove.
This glove is made from all USA manufactured fabrics/leather and produced in the USA with a highly skilled work force.
This glove meets the NFPA 1971-2013 standard and is SEI certified.

Pro Tech 8 Titan Kangaroo Structural Glove, Short Cuff

Pro-Tech 8 Titan K is the kangaroo skin version of our original Titan model and is considered today's gold standard in structural firefighting gloves. Kangaroo is essentially the most rugged of all leathers ounce for ounce while maintaining incredible softness and pliability. The unique structure of kangaroo leather allows it to be cut down to a relatively thin layer but still retain its strength. As a comparison, when split to 20% of original thickness kangaroo skin retains 30-60% of the tensile strength of the un-

split hide. Calfskin, on the other hand, split to 20% of original thickness retains only 1-4% of its original strength.

The resulting Titan K is a combination of durability and natural flexibility that ensures your hands won't easily tire on the fire ground or in training, an amazing grip, comfort and fit like you have never experienced before and the safe and efficient performance needed to be at your best!

Titan K breaks in almost immediately and will remain soft and flexible after use.

The Pro-Tech 8 Titan K Glove is independently certified as compliant to the NFPA 1971 Standard 2007 Edition on Protective Ensemble for Structural Firefighting; certifying agent Safety Equipment Institute, Virginia.

Fire Hog Structural Fire Glove

Eversoft® cowhide leather, flame and heat resistant 3.5 to 4.0 oz. leather tanned with additives to stay soft and provided low water absorbance when soaked repeatedly. Meets NFPA flame resistance test.

3.5 to 4.0 oz. smooth grain Flexor cow leather back with 60+ TPP rating.

Exclusive breathable adhesive for glove bonding.

Pryotect Barricade 3 mil Barrier that is 100% waterproof, viral/chemical penetration resistant and protects against blood borne pathogens.

4" Nomex® wristlet cuff with leather pull patch.

Meets NFPA 1971-2013 standard and is SEI certified.

Fire Armor Structural Fire Glove

60+ TPP and class leading conductive heat transfer protection.

FR water repellent 100% Kevlar® knit fleece t with 1 piece back shell.

A layered non-restrictive knuckle patch.

Extra layer of 6 oz. modacrylic liner sewn to the back shell.

A double backed 3 mil breathable Pryotect Barricade moisture barrier.

100% water proof, viral/chemical penetration resistance and blood borne pathogen protection.

A layered 6 oz. 65% Kevlar®/35% Nomex® stitch bonded FR liner.

Five separate curved form fitting forchettes made from 3.5 oz. to 4.0 oz. grain cow leather for maximum finger dexterity with a 60+ TPP rating.

Exclusive breathable adhesive for ensuring full liner/barrier glove bonding.

1 piece palm 3.5 to 4.0 oz. Eversoft® cow leather tanned with additives to stay soft when wet and low water absorbance with repeated soakings for a 60+ TPP rating.

4" Black Nomex cuff with leather pull patch and hang up loop.

This glove is proudly made in the USA with highly skilled employees.

This glove is certified to NFPA 1971-2013 by the Safety Equipment Institute (SEI).

Fire Raider Structural Fire Glove

Eversoft® cowhide leather, flame and heat resistant 3.5 to 4.0 oz. leather tanned with additives to stay soft and provided low water absorbance when soaked repeatedly. Meets NFPA flame resistance test.

3.5 to 4.0 oz. smooth grain Flexor cow leather back with 60+ TPP rating.

Exclusive breathable adhesive for glove bonding.

Pryotect Barricade 3 mil Barrier that is 100% waterproof, viral/chemical penetration resistant and protects against blood borne pathogens.

Five separate curved form fitting forchettes made from 3.5 oz. to 4.0 oz. grain cow leather for maximum finger dexterity with a 60+ TPP rating.

Exclusive breathable adhesive for ensuring full liner/barrier glove bonding 4" Nomex® wristlet cuff with leather pull patch.

Meets NFPA 1971-2013 standard and is SEI certified.

Proudly made in the USA with highly skilled employees.

Pro Tech Titan Structural Glove, Long Cuff

Pro-Tech 8 Titan is the latest structural firefighting glove from TechTrade. The Titan model picks up where the original Pro-Tech 8 left off and offers enhanced protection, abrasion resistance and durability without sacrificing the superior the dexterity, comfort and fit that Pro-Tech 8 users demand.

Our gloves use the highest quality components including DuPont Kevlar® and Nomex® and water repellent leather. The multi-layer design allows incredibly soft and comfortable break in with thermal protection that actually increases after washing, as proven during our lab certification testing; also while drying quickly and soft. The inner liner component is 100% knitted Nomex® and cannot be simply pulled apart like the inexpensive non-woven SEF used in many of our competitors top line gloves.

Pro-Tech 8 Titan's unique knuckle guard system enhances protection where needed which most structural firefighting gloves completely ignore.

The Pro-Tech 8 Titan Long Cuff wristlet style features a Kevlar® elastic cuff band which prevents debris from entering and eliminates glove slip off. The wristlet section is actually an extension of the actual glove construction providing the same maximum thermal protection found elsewhere in the glove. You no longer need to put up with annoying outdated knit wristlets that lose their elasticity and provide a significantly reduced level of thermal protection.

The glove is certified as compliant to the NFPA 1971 Standard 2007 Edition on Protective Ensemble for Structural Firefighting; certifying agent Safety Equipment Institute, Virginia.

Pro-Tech 8: Fusion Structural / Wildland Firefighting and Extrication Glove, NFPA

Lightweight glove breaks in extremely fast and remains soft and flexible after use and washing.

Fire-retardant, breathable, mesh knit polymer liner provides blood borne pathogen/liquid resistance and reduces friction during donning and doffing.

Outer palm layer's distinctive stitching prevents the material from bunching up and promotes the most efficient grip of any NFPA compliant structural glove.

Ring and middle fingers' palm sides are cut and sewn independently for enhanced dexterity.

Unique flexible 7-layer knuckle guard system provides repetitive thermal protection and cut/puncture resistance at the vulnerable knuckle compression point.

Gathered stitching around the entire wrist provides a secure fit and prevents debris from entering the glove.

Independently certified to NFPA 1971-2013 Edition by the Safety Equipment Institute, Virginia.

Materials and Layering

Outermost Palm Side Layer: Highly flexible and durable water repellent goat skin suede.

Second Palm Side Layer: Cut and heat resistant knitted Kevlar/Nomex.

Palm Side Inner Liner: 100% modacrylic mesh knit.

Palm Side Fingers: Knitted 100% modacrylic.

Outermost Back Side Layer: Layer of suede leather and layer of cut and heat resistant 100% Kevlar® knit that runs the length of the glove from finger tips to cuff edge.

Back Side Inner Liner: Mesh knit modacrylic.

Back Side Fingers: Knitted modacrylic.

Finger Sidewalls: Outer layer of Kevlar/Nomex and two additional layers of 100% modacrylic knit.

Knuckle Guard: Outer layer of 100% Kevlar®, two layers of silicon carbide both fused to 100% Kevlar®, another layer of 100% Kevlar®, and another layer of modacrylic knit.

Glove Interior: Two layers of highly breathable, completely sealed, polyurethane membrane to prevent liquid penetration and protect against blood borne pathogens.

Moisture Barrier: NFPA 1971 compliant Porelle FR 540.

100% Kevlar® high burst thread is used throughout the gloves.

Reflective tape is used on the glove's back side near the wrist area.

Pro-Tech 8: TITAN-K Structural Firefighting Glove, Kangaroo Leather/Kevlar, NFPA 1971-2013

Multiple layers of Kevlar® and Nomex can withstand the effects of flame, heat, vapor, hazardous liquids, sharp objects, and related hazards during structural firefighting.

100% FR kangaroo leather outer layer is more durable, pliable, and water resistant than any other leather. NFPA 1971 certified Porelle® FR 540 breathable barrier provides effective moisture and blood borne pathogen resistance.

Palm layers are stitched down with Kevlar high burst thread for a stronger grip.

Finger sidewalls made of Kevlar and Nomex maximize dexterity and flexibility.

Multilayer knuckle guard system provides unmatched thermal protection and cut/puncture resistance.

Long cuff model with debris blocker extends the glove body for superior protection at the vulnerable glove-sleeve interface.

Reinforced leather inner cuff and leather pull tab enable easy donning and doffing.

TITAN glove remains soft and flexible after use and washing and is certified to NFPA 1971-2013 Edition.

Materials and Layering

Outer Layer: 100% FR kangaroo leather.

Inner Liner: 100% Nomex.

Inner Cuff: Reinforced leather.

Finger Sidewalls: Kevlar® and Nomex.

Knuckle Guard: 8 layer system featuring two layers of Kevlar, two layers of Nomex, and two layers of silicone carbide infused with 100% Kevlar for a total of four layers.

Moisture Barrier: NFPA 1971 certified Porelle® FR 540 breathable barrier.

100% Kevlar high burst thread is used throughout the gloves.

Shelby: FDP Koala / Gore Gloves, NFPA 1971-2013 Edition

Constructed of 3.25 to 4.0 oz. Midnight Blue Koala Tanned Cowhide and 8 oz. S.E.F. Modacrylic Fleece laminated to Gore RT7100 Glove Barrier Fabric.

Fire retardant and heat resistant.

Honeywell: Kangaroo Leather Cadet Size Super Glove, NFPA

Fingers are about ½" shorter than regular sizes.

NFPA 1971, 2007 edition compliant.

Top Grain Kangaroo back outer shell stands up to abrasion, and is strong enough for any firefighting task.

Densely packed fibers minimize water absorption, and the leather does not become slippery when wet.

Black Digiroo™ kangaroo palm grips and fingers extend the advantages of kangaroo leather to provide incredible durability, grip, and tactility with unprecedented thinness.

Crosstech® moisture barrier provides high breathability, high heat resistance, high temperature stability, high abrasion resistance, continuous moisture barrier protection, and fast glove drying.

Air Spacer™ Kevlar® Nomex® thermal lining traps air for thermal protection without traditional bulk.
2-Ply Nomex wristlet.

3-D patterning with wing thumb.

Specifications

Outer Shell: Kangaroo Back Digiroo Palm & Fingers.

Moisture Barrier: Crosstech®.

Thermal Lining: Air Spacer™ Kevlar® Nomex®.

Pattern: 3-D.

Thumb: Wing.

Cuff:

Wristlet - 2-Ply Black Nomex®.

Gauntlet - Eversoft Black Cowhide.

Level of Bloodborne Pathogen Protection: HNO.

Glove with Gauntlet or Wristlet Performance Certifications

NFPA 1971, 2007 Edition for Structural Fire Fighting Gloves.

Glove with Wristlet only Performance Certifications

NFPA 1951, 2007 Edition for Technical Rescue & Recovery Gloves.

NFPA 1951, 2007 Edition for Technical Rescue Utility Gloves.

NFPA 1999, 2003 Edition for Emergency Medical Operations Work Gloves.

Veridian: Fire Armor Structural Firefighting Glove, NFPA

Back shell is made from FR and water repellent 100% Kevlar knit fleece 7.5 oz. fabric.

Eversoft® leather knuckle band is sewn across back for added knuckle protection.

Elastic is sewn into wrist crease for close fitting cuff.

Back is lined with a layer of 6 oz. modacrylic non-melting and non-dripping liner.

60+ TPP and class leading conductive heat transfer protection.

FR water repellent 100% Kevlar® knit fleece with 1 piece back shell.

A layered non-restrictive knuckle patch.

Extra layer of 6 oz. modacrylic liner sewn to the back shell.

A double backed 3 mil breathable Pyrotect Barricade moisture barrier.

100% water proof, viral/chemical penetration resistance and blood borne pathogen protection.

A layered 6 oz. 65% Kevlar®/35% Nomex® stitch bonded FR liner.

Five separate curved form fitting forchettes made from 3.5 oz. to 4.0 oz. grain cow leather for maximum finger dexterity with a 60+ TPP rating.

Exclusive breathable adhesive for ensuring full liner/barrier glove bonding.

1 piece palm 3.5 to 4.0 oz. Eversoft® cow leather tanned with additives to stay soft when wet and low water absorbance with repeated soakings for a 60+ TPP rating.

Glove liner has a 2 inch grain leather cuff sewn inside glove wrist over top of the liner for the gauntlet model and bond with 1 1/2 inch black FR binding to finish cuff.

4" Black Nomex cuff with leather pull patch and hang up loop on the wristlet model.

This glove is sewn completely with 30/3 Kevlar® thread.

This glove is available in Gauntlet, Long Cuff, and Cadet sizes.

This glove is certified to NFPA NFPA 1971-2013 by the Safety Equipment Institute (SEI)

Veridian: Fire Hog Fire Gloves

A girdle is sewn into palm for positive grip and extended wear for thumb area. Welts sewn into the middle and ring fingers for extra seam strength.

Eversoft® cowhide leather, flame, and heat resistant 3.5 to 4.0 oz. leather tanned with additives to stay soft and provided low water absorbance when soaked repeatedly. Meets NFPA flame resistance test.

3.5 to 4.0 oz. smooth grain Flexor cow leather back with 60+ TPP rating.

A double layer of soft 6 oz. FR modacrylic no melt no drip liner for a smooth inside feel and heat protection to the back of hand.

A leather cuff is sewn inside wrist opening over liner for extended wear of liner and smoother donning.

Exclusive breathable adhesive for glove bonding.

Pryotect Barricade 3 mil Barrier that is 100% waterproof, viral/chemical penetration resistant and protects against blood borne pathogens.

4" Nomex® wristlet cuff with leather pull patch.

Gauntlet style has smooth grain all leather 1 inch cuff hemmed over top of glove. Elastic is sewn to wrist crease on back and palm for close fitting cuff.

Meets NFPA 1971-2013 standard and is SEI certified.

Honeywell: 9550 Fire Mate Kangaroo/Elk Leather Structural Fire Glove, NFPA

Kangaroo leather palm absorbs far less water than traditional glove leathers and offers very high abrasion resistance with an excellent grip when wet.

Pliable Elk back stretches and stays soft.

Crosstech Moisture Barrier.

Thermal Liner Kevlar/Nomex.

Pattern: 2-D / Thumb: Wing.

Leather Gauntlet.

Certification: NFPA 1971.

Shelby 5291 Tuff Glove Structural Firefighting Glove with Wristlet

Superior Pre-Curved Components: Lining, Barrier, Shell.

Shelby Engineered: Flex-Points, Trigger Finger, G-BLOC.

Lifetime Guarantee Against Liner Pullout.

Relaxed Curved Hand: The natural position of the hand at rest.

Pre-Curved Thermal Liner: Brushed thermal liner with a Reverse Gunn pattern technology that is another first from Shelby, allowing for a true pre-curved thermal liner. Our system is designed to mate flawlessly and prevent glove roll in the palm and fingers resulting in a secure hold on tools and hoses, using less grip force resulting in less hand fatigue during extended use.

Pre-Curved GORE RT7100 Glove Barrier Fabric System: Unmatched thermal stability in its class and the reputation of The World Leader in Barrier Technologies. Our exclusive seam sealed system is 100% dunk test proven, and is the ONLY pre-curved lining barrier system that mirrors the outer shell.

Nomex® On Demand Emergency Protection and Thermal Layers: Exclusive light weight DuPont thermal barrier that boosts protection when and where it's needed most.

Pre-Curved Shell Layer: Functionally enhanced multi-dimensional (2,3 & 4D!) protective leather glove pattern that features a tapered trigger/index finger with Shelby engineered Flex-Points on thumb, middle, ring and small fingers. The end result is superior index finger dexterity and better finger and thumb articulation. Our G-BLOC proprietary wrist blocking system prevents glove creep during usage, providing a secure, comfortable and responsive fit.

Reflective Safety Enhancements: Snag resistant 3M reflective nail guards and Reflexite® bridge stripe for better visibility.
Made in USA.

Shelby 5292 Tuff Glove Structural Firefighting Glove with Gauntlet

Superior Pre-Curved Components: Lining, Barrier, Shell.
Shelby Engineered: Flex-Points, Trigger Finger, G-BLOC.
Lifetime Guarantee Against Liner Pullout.
Relaxed Curved Hand: The natural position of the hand at rest.
Pre-Curved Thermal Liner: Brushed thermal liner with a Reverse Gunn pattern technology that is another first from Shelby, allowing for a true pre-curved thermal liner. Our system is designed to mate flawlessly and prevent glove roll in the palm and fingers resulting in a secure hold on tools and hoses, using less grip force resulting in less hand fatigue during extended use.
Pre-Curved GORE RT7100 Glove Barrier Fabric System: Unmatched thermal stability in its class and the reputation of The World Leader in Barrier Technologies. Our exclusive seam sealed system is 100% dunk test proven, and is the ONLY pre-curved lining barrier system that mirrors the outer shell.
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Pre-Curved Shell Layer: Functionally enhanced multi-dimensional (2, 3 & 4D!) protective leather glove pattern that features a tapered trigger/index finger with Shelby engineered Flex-Points on thumb, middle, ring and small fingers. The end result is superior index finger dexterity and better finger and thumb articulation. Our G-BLOC proprietary wrist blocking system prevents glove creep during usage, providing a secure, comfortable and responsive fit.
Reflective Safety Enhancements: Snag resistant 3M reflective nail guards and Reflexite® bridge stripe for better visibility.
Made in USA.

Shelby Extrication Glove w/ Hipora Barrier

Pre-curved form fitting glove body has wrist snugger and is made of an "air-textured", high-tenacity Cordura nylon.
Kevlar reinforced palm & finger reinforcements are at all the high wear stress points.
Hipora waterproof barrier and soft breathable Bemberg Lining.
Glove offers 270 degrees of shirred elastic circumferentially at wrist crease and elastic snugger to repel debris.
Ribbed Rubber pull at underside of wrist closure.
Hipora waterproof barrier with breathable insulation.
Kevlar® reinforced palm, knuckles and finger tips.
Armor-Dillo Knuckle Protection.
Cotton terry braw wipe.
Reinforced rubber pull with a hidden cord carabineer loop.
Custom finger-back rubber guards.
Reflective finger tips and trim.

Example Eye Protection

Conway/Lion: Faceshield, 4" x .150 Apec (Thumbwheel Style)

Fits Heritage & Classic Helmets.
Hardware not included.

Conway/Lion: Faceshield Hardware, Thumbwheel

Faceshield Bracket Kit (Thumbwheel).
Comes with one set of screws (not pictured). Fits Heritage & Classic Helmets.

Bullard: 6" Polycarbonate, Hard Coated Faceshield

Mounting hardware (R151) NOT included.
For PX/FX Series Helmets.

Bullard: Faceshield Mounting Hardware Kit

Aluminum mounting brackets, nylon knobs, small hitch pin clips, stainless steel studs, and brass T-nuts included.
For PX/FX Series Helmets.

Innerzone 1 NFPA Goggle System With Mounting Brackets.

Fits all brands of modern and traditional style helmets.

The *Innerzone* Series of NFPA-compliant firefighting goggles designed to withstand the rigors of structural firefighting, while offering the highest levels of protection and safety available. Certified by independent test labs to meet or exceed all the standards associated with NFPA 1971-2000, including the 500°F 5-minute oven test.

The *Innerzone 1* goggle utilizes a unique two-piece strap and mounting bracket system. It functions well with all major brands of structural fire helmets, with no drilling required. Thumb screws secure goggle straps to the helmet. Goggles can be stowed on the front or rear of the helmet.

ESS: FirePro-1971 FS Structural Firefighting Goggle Kit, Full Strap, NFPA 2013

This goggle series is certified as compliant with NFPA 1971-2013 Edition, including the 5-minute, 500°F oven test. It is also U.S. Federal OSHA compliant, exceeds the requirements of ANSI Z87.1-2010, and is considered Primary Eye Protection by NFPA 1500. All components of ESS FirePro-1971™ goggles are heat and flame resistant.

Goggles feature a one-piece, wrap-around strap that easily secures to any helmet with VELCRO® brand® tabs. This system keeps the goggle on hand at all times, with the flexibility of quickly removing them if needed.

Recommended for use without face shields.

Patented ESS *Speed-Clip*™ strap system makes adjusting the tension of goggle straps quick and easy, even with gloves on.

ClearZone™ *FlowCoat* lens treatments provide an optimal combination of anti-scratch coatings on the outside of the lens and anti-fog coatings on the inside.

Low-profile frame with wide wrap minimizes helmet interference and maximizes peripheral vision. Full-perimeter ventilation and filtration system further minimizes lens fogging while filtering airborne particles, dust, and debris.

Extra-thick, 2.8 mm high-impact *Profile™ Series* military goggle lenses that meet and exceed ANSI Z87.1-2010, the U.S. Military .22 caliber ballistic impact test MIL-DTL-43511D (Clause 3.5.10), and CE EN 166.

Lenses provide 100% UVA/UVB protection and distortion-free optical clarity.

A prescription eyewear solution is available for the **ESS FirePro™** goggles.

Example Boots

Hellfire Rubber Felt Insulated Boot, Lug Sole

Upper: FLAME/HEAT-RESISTING Rubber.

Construction: Vulcanized Rubber/Shoe Felt Engineered.

Lining: 3.5mm Polyester Needled Felt with Heel Reinforcement.

Insole: Removable Superknit Covered Polyurethane Footbed.

Midsole: Stainless Steel Puncture Resisting Bottom Plate .

Shank: Steel Triple Ladder Shank.

Outsole: FLAME/HEAT RESISTING White "Traction Lug".

Special Features: Meets Both NFPA Requirements. UL Certified. Blood Borne Pathogen Compliant. ASTM F 2413-05 M/I/75/C/75 Oversized Steel Toe. Electrical Hazard. Double Reinforced Pull Loops. Cushioned Shin Guard. Light-Reflecting Instep and Heel Patches.

Hellfire Rubber Insulated Boot, Lug Sole

Upper: FLAME/Heat-Resisting Rubber.

Construction: Vulcanized.

Lining: Dupont™ Kevlar® Yellow Knit One Piece Liner.

Insole: Removable Superknit Covered Polyurethane Footbed.

Midsole: Flexible L-Protection® or Stainless Steel Puncture Resisting Material.

Shank: Steel Triple Ladder Shank.

Outsole: FLAME/HEAT RESISTING "Traction Lug".

Special Features: Meets NFPA Requirements. UL Certified. Blood Borne Pathogen Compliant. ASTM F 2413-05 M/I/75/C/75 Oversized Steel Toe. Electrical Hazard. Double Reinforced Pull Loops. Cushioned Shin Guard. Light-Reflecting Instep and Heel Patches.

Hellfire Latex HazMat/Structural Dual Boot

Upper: Chemical/FLAME/HEAT-RESISTING Neoprene.

Construction: Neoprene Latex Dipped and Vulcanized Rubber / Shoe Fit Engineered.

Lining: 3mm Closed Cell Neoprene Foam Laminated to Nylon with 3.5mm Polyester Needled Felt Mid-Layer.

Insole: Removable Superknit Covered Polyurethane Footbed.

Midsole: Flexible L-Protection® or Stainless Steel Puncture Resisting Material.

Shank: Steel Triple Ladder Shank.

Outsole: Chemical/Oil/FLAME/HEAT RESISTING Polyurethane "Traction Lug".

Special Features: Meets Both NFPA 1971-2007 (Structural Fire Fighting) and NFPA 1992-2005 (Splash-Protective for Hazardous Materials). UL Certified. Blood Borne Pathogen Compliant. ASTM F 2413-05 M/I/75/C/75 Oversized Steel Toe. Electrical Hazard. Double Reinforced Pull Loops. Cushioned Shin Guard. Light-Reflecting Instep and Heel Patches.

Globe: Men's Supreme 14" Structural Fire Boot Pull-On, NFPA

Certified NFPA 1971 (Structural Fire Fighting) and NFPA 1992 (Liquid Splash) compliant.
Feels like you are wearing an athletic sneaker.
Flame, abrasion, oil, acid, and slip resistant compound engineered for high-traction and durability even during prolonged exposure to extremes of heat and cold.
High flexibility material that can endure up to 1,000,000 flexes with no compromise in performance.
Multi-layer composite puncture protection insole.
3D Molded shin guard protects you when you are on a ladder.
Boots include removable Snug Fit Inserts to customize your comfort level.
CROSSTECH® Moisture barrier provides protection unmatched by any others.
Composite safety toe.
Toe bumper.
Reinforced Pull-Straps.
Molded Footbed.
Boots include removable Snug Fit Inserts to customize your comfort level.
Contoured outsoles are cement bonded to the bottom and sides of the upper
FIRESTORM™ Leather is heavyweight, flame-resistant, and waterproof leather for durable performance.
Leather has added reflective material at the heel for added nighttime visibility. Specially softened tumbled leather in high flex areas to move with you.
3M SCOTCHLITE™ Flame-resistant fluorescent and reflective material for added visibility.
HEELPORT™ Internal Fit System - anatomical foam insert holds your heel securely so it won't slip while cushioning your ankle.
A rugged heel counter is individually molded to fit each size perfectly.
LENZI® Puncture Protection - High-performance composite penetration-resistant insole is made from multiple layers of HT ceramic material - like ballistic armor for your feet. Far more flexible than a steel plate and doesn't transmit heat or cold. Exceeds NFPA standards for safety.
Composite Shank is lighter than steel, doesn't transmit heat or cold, and springs back to shape better.
A protective shield of KEVLAR® and NOMEX® fiber batting protects the CROSSTECH® moisture barrier, provides cut resistance, and adds thermal protection.
Available in standard calf and wide calf lengths in medium, wide, and x-wide widths.

Thorogood: 14" Oblique Toe Structural Boot, NFPA

Stedair® Waterproof Barrier is Blood-Borne Pathogen Compliant.
Exclusive Vibram® FIRE Sole with Chiseled Edge Lugs.
Tempered Steel Safety Toe.
Black Combat Superknit and 4 oz. Thermal Barrier.
Black Boulder Waterproof, Flame, and Cut-Resisting Leather Upper.
Exclusive Vibram® FIRE Sole with Chiseled Edge Lugs.
Scuff-Resisting Vibram® Rubber Toe.
Stedair® Waterproof Barrier is Blood-Borne Pathogen Compliant - ASTM F 1671.
Black Combat Superknit and 4 oz. Thermal Barrier.
Soft, Flexible Top Facing.
Built In Shin Guard.
Heat-Resisting Kevlar® Thread.
Goodyear Storm Welt Construction.
Tip Stitching for Extra Secure Sole Attachment.
Triple Row Toe Stitching and Sealed Seams.
Thermo Formed Counter.
Steel Triple Ladder Shank.
Fully Comfort Weave Lined.
Oblique Tempered Steel Safety Toe Exceeds ASTM F 2413-11 M/I/75/C/75 Rating.

Toe Cap Padding for Greater Comfort.
Polyurethane Removable Contoured Cushion Insole on Flexible Double Rubber.
Flexible Non-Metallic Puncture-Resisting Textile Insole Material.

Certifications: Meets the requirements of NFPA 1971-2013 Standard on Protective Ensemble for Structural Fire Fighting, Current Edition, NFPA 1500, Fire Department Occupational Safety and Health Program, Compliant with ASTM F 1671, Standard Test Method for Blood-Borne Pathogen Penetration Resistance of Materials used in Protective Clothing, ASTM M 2413-11 M I/75 C/75 PR, Electric Hazard Rated, Tested for and meets CAN/CSA-Z195-M92 Electric Shock Resistance.

Pro Warrington: 5006 Ultimate Power 14" Bunker Boot, NFPA

Patented PowerToe™ & PowerHeel™ cover provides 3x the wear life and protects the heel from abusive doffing.

Reflective wraparound welt and reflective ridges on the PowerHeel™ are truly visible—not covered by bunker pants.

Fire and Ice Vibram® PowerSole™ welted lug sole gives more traction under almost any conditions and adds support, reduces fatigue and protects against sprains and strains.; replaceable for longer life.

Berry Amendment compliant.

Certified to meet or exceed NFPA 1971, 2007 Edition for Structural Firefighting Protective Ensembles. Full grain military AB leather insulates and adds abrasion and puncture resistant properties to the foot area of the boots. Water and chemical resistant and protects the internal bootie system.

All leather PowerVamp and 7.5 oz Kevlar® felt thermal barrier combine to stabilize temperatures inside the boot, and add unsurpassed lightweight puncture resistance to the entire foot area. Stays comfortable for hours with no heat transfer from steel toes, plate, or shank.

Crosstech® moisture barrier provides superior liquid penetration resistance to blood, body fluids and NFPA tested common chemicals.

Exclusive bootie package quilts a 7.5 oz Kevlar® thermal barrier to the boot liner and laminates it to the **Crosstech® Fabric Moisture Barrier** preventing moisture accumulation and wicking. Only PRO boot products have this exclusive bootie composite package.

Soft thermo resin combines with an Advance® Rip Stop outer shell to provide superior impact protection against side punctures.

Molded thermoplastic heel counter locks your foot into the boot and anchors it in place.

Vibram® Fire/Ice PowerSole™ angled lugs provide substantial edging and gripping capabilities. Center medallion of stars surrounded by lug pattern provides maximum wear and traction.

Lining provides high abrasion and tear resistance, with antibacterial properties that keep your boots dry and your feet healthy.

Toe cover resists toe abrasion and provides unparalleled wear over the lifetime of the boots.

Toe safety cap.

Rip Stop Fabric.

External Texon Board shinguard protects and guards the sensitive shin area of the legs and is covered with military AB leather for additional protection.

Corrosion Resistant Steel Ladder Shank and Stainless Steel, Full Length, Toe-to-Heel Puncture Resistant Bottom Plate.

Heavy duty 3/4" reinforced straps mounted to the exterior of boot and anchored with a 2" x 1½" shield-shaped base.

Pro Warrington: 5007 14" Structural Firefighting Boots, NFPA

14" high pull-on, fabric/leather bunker style boot with enhanced side and back stays, fire resistant fabric, water-repellent leather, safety toes, electrical hazard rated soles, steel bottom penetration resistance barrier, steel shank, shinguard and quick donning and doffing features for fire suppression personnel. 7½ oz. Nomex/Kevlar rip-stop fabric covers shaft of boot with married full grain cowhide leather covering shinguard, straps, and heel and vamp area.

Improved lock fit in heel area.

No angle shaft eliminates leg exposure from pant ride up.

Rounded straps protects against leg chafing and pant liner abrasion.

Sturdy back and side stays supports boot shaft when stacked on pants.

Crosstech Moisture Barrier with 7.5 oz Kevlar Thermal Barrier.

Removable insert for customizable comfort.

Oblique steel toe, steel bottom plate and shank.

PowerToe and Heel with Vibram Fire and Ice lug sole.

Meets or exceeds: .NFPA 1971 2007 edition and Class 75 impact resistance/compression resistance requirements of ASTM F2413-05.

Globe: Men's SUPRALITE 14" Pull-On Structural Firefighting Boot

Sizing Note: A different footbed insert is in the SupraLite which is slightly taller than the thinner footbed used with the Supremes and Shadows. This extra height makes the boots feel narrower. Please take this into consideration when ordering your size.

NFPA 1971 (Structural Fire Fighting) and NFPA 1992 (Liquid Splash) compliant.

Specifications

Flame Resistant, Waterproof Leather

Pebble grain leather with tumbled leather collar.

CROSSTECH® Footwear Fabric

A full-height bootie liner made from a package of Cambrelle®, 300g insulation, and CROSSTECH® moisture barrier provides protection unmatched by any other waterproof, breathable barrier.

DRAGONHIDE® Fabric

Fabric panels in shaft and flex joints are made from DRAGONHIDE® – a highly abrasion, cut, flame, and water-resistant fabric so tough that it is used to reinforce turnout gear.

3M SCOTCHLITE™ Reflective Material

Flame-resistant fluorescent and reflective piping.

HEELPORT™ Internal Fit System

Holds your heel securely so it won't slip while cushioning your ankle.

Molded Heel Counter

Individually molded to fit each size perfectly.

Composite Shank

Lighter than steel, doesn't transmit heat or cold, springs back to shape better.

Composite Puncture Protection

Far more flexible than a steel plate and doesn't transmit heat or cold. Exceeds NFPA standards for safety.

Vibram® Contoured Cup Outsole

Molded outsole wraps onto the leather upper for athletic shoe performance. Flame, abrasion, oil, acid and slip-resistant compound engineered for high-traction and durability even during prolonged exposure to extremes of heat and cold.

Slip Resistant Tread

Siping – thin slits cut into flat areas across the sole – open up when flexed to provide additional traction on water and ice. Self-cleaning lugs and omni-direction tread pattern designed for superior performance in all terrains and when working on ladders.

Pull-Straps

Flexible NOMEX® webbing pull-straps reinforced with leather slide easily under turnout pants and are kind to your legs.

NOMEX®/KEVLAR® Protective Shield

Protects the CROSSTECH® moisture barrier, provides cut resistance, and adds thermal protection.

3D Molded and Padded Shin Guard

Provides extra protection when you are working on a ladder.

Composite Safety Toe Cap

Lighter than steel, doesn't transmit heat or cold, and exceeds NFPA standards for safety.

Toe Bumper

Made from the same rugged compound as the outsole for abrasion resistance when crawling.

Dual Density Enhanced 3D Molded Footbed System

Removable dual density inserts are contoured to cradle and cushion the bottom of the foot and to provide arch support. Urethane foam bottom layer for durable cushioning with PORON® foam top layer to mold to the foot and keep the feet cool. Moisture-wicking and anti-microbial fabric top layer. An additional EVA insert to use in conjunction with the footbed provides for a snugger fit as needed.

3D Composite Lasting Board

Boot uppers are lasted to a molded and contoured lasting board with built-in flex zone in the forefoot and a torsionally stable heel. Works together with the 3D molded footbed to conform to the shape of your foot.

Athletic Footwear Construction

2-part cross-linking adhesive bonds outsoles and the upper. Without stiff welts and ribbed mid-soles, this attachment process is far more flexible.

Pro Warrington 3009 14" Structural Firefighting Boot

Meets or exceeds NFPA 1971 (2007 Edition).

Vibram Technical lug sole provides outstanding abrasion, thermal and chemical resistant properties. Slip resistant tread design formulated with exclusive NFPA compound.

Reinforced scuff resistant toe of urethane impregnated leather.

Oblique shaped safety toe cap matches the natural contour of the foot for greater comfort. Toe area has high abrasion resistance due to oblique shaped toe distributing surface contact.

Reinforced stitched-down sole.

Corrosion resistant steel ladder shank and stainless steel, puncture resistant bottom plate.

Full wraparound Goodyear welt- adds support, reduces fatigue, and ankle sprains/strains. Welted construction retains its shape over the life of the boot so you keep that great fit.

Thermoplastic backpart molded heel counter ensures superior comfort, fit and durability. Will not lose shape if exposed to moisture.

Top grade Military AB water resistant leather for outstanding durability and comfort.

Exclusive bootie package of bacteria resistant Cambrelle quilted to 7.5 oz 100% Kevlar full thermal barrier laminated to full height **CROSSTECH** footwear fabric designed to exceed NFPA 1971 (2007 Edition).

CROSSTECH Moisture barrier encapsulates entire boot including foot bed. Thermal barrier mounted to the inside of the moisture barrier to prevent moisture wicking.

Pull straps are 3/4" wide and fully reinforced for extra strength.

Honeywell: Ranger Series Model 1500 Insulated Rubber Boots, 16", NFPA

Insulated and non-insulated models with a choice of Kevlar®/Nomex® or wool felt lining.
Constructed of natural rubber or a combination of natural and butyl rubber.
16" high / approx. 7 lbs.
Shoe-Fit™ construction.
Kevlar®/Nomex® lining (insulated).
Shinguard for additional ladder-rung shin protection.
Steel toe, plate, and shank.
Molded sole and removable insert.
Available widths: narrow, medium wide.
Available sizes: 3 to 16 full sizes / 5.5 to 15.5 half sizes.
Certified to NFPA 1971 and NFPA 1992.

HAIX: FIRE HERO XTREME 11" Leather Bunker Boot, Mens, NFPA

11" overall height protects without restricting the movement of wider calves.
HAIX® Sun Reflect Leather reduces radiant heating of the leather; keeps feet significantly cooler in hot sunlight.
HAIX® Secura Liner® inner liner will never pull out or even wrinkle up over time.
CROSSTECH® 4-layer technology for a waterproof, breathable, bacteria and chemical resistant, blood borne pathogen resistant boot.
Innovative protective toe cap of non-conductive carbon HX. Meets ASTM F2413-05 standard for protective footwear with less weight, more comfort.
All-new more slip-resistant nitrile rubber sole integrates non-slip edges, suction cups, and other features for superior traction on slick and wet surfaces.
HAIX AF Ankle Flex system provides additional, highly padded flex zones on the top and sides of the ankle, for optimal fit and flexibility without pressure points.
Anatomically formed fleece absorbs moisture and supports ankle in the footbed.
A white area at back of boot top acts as a nameplate that can be personalized with any permanent marker, for easy identification of your boots.
Reflective strips, profiled rubber toe cap, large boot straps on both sides, shin protection.
Polyurethane foam is injected into the midsole to optimize shock absorption and insulate against temperature extremes.
Certified NFPA 1971-2013, NFPA 1992-2005; NFPA 1992-2005; CAN/CSA Z195-2009; ASTM F2413-05.

Globe Men's Shadow 14" All-black Leather Structural Fire Boot, Pull-On, NFPA

FIRESTORM™ Leather - Heavyweight, flame-resistant and waterproof leather for durable performance. Leather has added reflective material at the heel for added nighttime visibility. Specially softened tumbled leather in high flex areas to move with you.
All-black upper: black leather, black thread, black toe bumper—no reflective trim.
Superior performance and protection, with the flexibility and comfort of a sneaker.
New, softer boot collar and Nomex webbing pull straps slide easily under narrow turnouts, stay comfortable against your calf.
Advanced composites in toe and shank provide more effective protection without the weight of steel.
Molded and padded shin guard provides extra protection from ladder rungs.
Full-height waterproof, breathable CROSSTECH® fabric bootie provides unmatched barrier protection.
Tested to withstand 1,000,000 flexes with no compromise in performance.
Anatomical HEELPORT™ foam insert holds your heel securely so it won't slip while cushioning your ankle.

A rugged heel counter is individually molded to fit each size perfectly.

A softer, wider calf for even the narrowest of turnouts.

LENZI® high-performance composite penetration-resistant insole is made from multiple layers of HT ceramic material - like ballistic armor for your feet. Exceeds NFPA standards for safety.

Contoured outsoles are cement bonded to the bottom and sides of the upper using a 2-part cross-linking adhesive that forms a bond stronger than the materials it attaches.

Outsole - Flame, abrasion, oil, acid, and slip resistant compound engineered for high-traction and durability even during prolonged exposure to extremes of heat and cold. Siping lines cut into flat areas open up when flexed to provide additional traction on water and ice. Self-cleaning lugs and omni-direction tread pattern designed for superior performance in all terrains and when working on ladders.

A protective shield of KEVLAR® and NOMEX® fiber batting protects the moisture barrier, provides cut resistance, and adds thermal protection.

Certified NFPA 1971 (Structural Fire Fighting) and NFPA 1992 (Liquid Splash) compliant.

Honeywell: Ranger Series Model 1000 Insulated Rubber Boots, 15", NFPA

15" high / approx. 6.3 lbs.

Constructed of natural rubber or a combination of natural and butyl rubber.

Shoe-Fit™ construction.

Kevlar®/Nomex® lining (insulated).

Shinguard for additional ladder-rung shin protection.

Steel toe, plate and shank.

Molded sole and removable insert.

Available widths: narrow, medium wide.

Available sizes: 4 to 16 full sizes / 5.5 to 15.5 half sizes.

Certified to NFPA 1971 and 1992.

Honeywell: Ranger Series Model 1600 Insulated Rubber Boots, 16", NFPA

16" high / approx. 6.7 lbs.

Constructed of natural rubber or a combination of natural and butyl rubber.

Shoe-Fit™ construction.

Insulated with wool felt lining..

Steel toe, plate and shank.

Molded sole and removable insert.

Available widths: narrow, medium wide.

Available sizes: 3 to 16 full sizes / 5.5 to 15.5 half sizes.

Certified to NFPA 1971 and 1992.

Thorogood Women's Rubber Insulated Felt Fire Boot With Lug Sole, NFPA

Water Proof.

Crush Proof Safety Toe.

Electrical Hazard Protection.

Upper: Flame/heat-resisting rubber.

Construction: Vulcanized rubber/shoe felt engineered.

Outsole: Flame/heat resisting white "traction lug".

Lining: 3.5mm polyester needled felt with heel reinforcement.

Insole: Removable superknit covered polyurethane.

Midsole: Stainless steel puncture resisting bottom plate.

Shank: Steel triple ladder shank.

Certified NFPA 1971-2013 Standard on Protective Ensemble for Structural Fire Fighting 2007 Edition; NFPA 1992-2012 Standard on Liquid Splash-Protective Ensembles and Clothing for Hazardous Materials Emergencies; NFPA 1500, Fire Department Occupational Safety and Health Program; and ASTM F 2413-11 M I/75 C/75 PR EH.

Cosmas 13" Java Bunker Boot with Felt Lining

Handmade from 100% vulcanized waterproof rubber.
Black with high visibility yellow trim and 3M reflective piping around the outsole for optimum visibility.
Wool felt lining provides added insulation and safety.
Vulcanized pull-on loops enable easy donning and doffing.
100% polyurethane insole reduces foot, leg, and back fatigue.
Protective midsole features a puncture resistant steel plate and a steel ladder shank.
Lug outsole is non-slip, abrasion resistant, self-cleaning, and resistant to hydrocarbons.
Features an ASTM and CSA Grade 1 steel toe cap.
On average, boots weigh about 8.0 lbs. per pair.
Certified to NFPA 1971, Standard on Protective Ensembles for Structural Fire Fighting, 2013 Edition.
100% top to bottom 3 year warranty.

Example NFPA Certified Turnout Gear

Globe: TheFireStore Spec Classix Coat

Left Chest Radio Pocket, Right Chest Survivor Pocket.
Certified to NFPA 1971 (Structural Fire Fighting).
Free-Hanging Throat Tab: Stays out of the way when not deployed.
YOCCO™ Drag Rescue Device: Is easy to deploy when you need it, out of the way when you don't.
TRIMTRAX® Thread Protection: Trim attached with cording that lasts far longer than conventional stitching.
Dual-Action Cargo Pockets: With KEVLAR® fabric reinforcement inside
Drop Shoulder Design moves seam beyond the shoulder for improved reach and reduced coat ride up.
Shorter Collar for better interface with helmet.
Double Sleeve Wells with NOMEX® wristers to keep water out and interface with all glove styles.
Liner Access Opening for easy access between the layers.
Double-Stitched Seams with 8 - 10 stitches per inch for a longer service life.

Globe: TheFireStore Spec Classix Pants

Low-rise pants.
Vertical fly closure with hook and dee positive closure and take-up straps or optional belt.
Padded H-Back ripcord suspenders attach to horizontal loops so there is no metal hardware to dig in or pull out.
Thermally enhanced flex liner knees add mobility and a layer of thermal and moisture barrier to protect this high-compression area.
Diamond crotch gusset distributes stress in both shell and liner for durability.
Independent stretch waistband for unrestricted fit and no-gap protection with liner.
Liner access opening on fly for easy access between the layers.
Reverse boot cut is shorter in the back to avoid premature cuff wear.
Trimtrax® thread protection with patented cording lasts far longer than conventional stitching.
Double-stitched seams with 8—10 stitches per inch for a longer service life.
Certified to NFPA 1971 (Structural Fire Fighting).

Fire-Dex: Nomex III Deluxe Chieftain Express Turnout Gear Coat with Q8 Thermal Liner and Stedair 3000 Moisture Barrier

32" Coat.
3M Scotchlite Reflective Material, NYC Configuration.
DexFlex Back.
Black PCA reinforced cuffs.
XP11 Double Notch Radio Pocket (9x3x2).
Black Nomex® Mic Clip.
Two XP34 Semi-Bellow Handwarmer Pockets (9x9x2).
Nomex knit wrists with thumb holes.
Closure: Inner – Zipper, Outer – H & L.
Trim style is 3" NYC.
Material is PCA.

Fire-Dex: Nomex III Deluxe Chieftain Express Turnout Gear Pants with Q8 Thermal Liner and Stedair 3000 Moisture Barrier

Regular rise pant with 6" rear panel.
Inner zipper, outer Hook & Loop closure.
3M Scotchlite Reflective Material in 3" NYC Configuration.
10x8" black PCA knee patches.
DexFlex Knees.
Two Full Bellow Cargo Pockets (10x10x2).
Handwarmer hand pockets (9x9x2).
Reversed Tapered Cuff reinforced with black PCA.
XP11 Double notched radio pocket (9x9x2).
XMCLPB Mic Clip.
Reinforcements on the knees and cuffs.

Fire-Dex: Gemini XT FX-M Express Turnout Gear Pants with Caldura SL2i Thermal Liner and Stedair 4000 Moisture Barrier

Regular rise pant with no rear panel.
Inner zipper, outer Hook & Loop closure.
3M Scotchlite Reflective Material in 3" NYC Configuration.
12x9" 1-layer foam knees, reinforced with black PCA.
DexFlex Knees.
Two Full Bellow Cargo Pockets (10x10x2).
Handwarmer hand pockets (9x9x2).
Reversed Tapered Cuff reinforced with black PCA.
XP11 Radio pocket (9x3x2).
XM12 Mic Clip (1x5).
Reinforcements on the knees and cuffs.
Long Nomex knit wrist with thumb loop.

Fire Dex: Gold FXA Express Coat, 7.2 oz Advance-Nomex/Kevlar

Advance Nomex®/Kevlar® in gold, khaki, or black with Xtra Lite® thermal liner and Stedair® 3000 moisture barrier.

32" Length.
Inner zipper, outer Hook & Loop closure.
3M Scotchlite Reflective Material, NYC Configuration.
DexFlex Elbows & Back.
Black PCA reinforced cuffs.
XP11 Radio Pocket (9x3x2).
XP12 Fabric Strap (1x5).
Two XP34 Semi-Bellow Handwarmer Pockets (9x9x2).
XM01 Long Nomex knit wrists with thumb loop.

Morning Pride: TheFireStore Spec Structural Firefighting Bunker Gear, NFPA 1971

Jacket Specifications:

Outer shell: 7.5 oz Kevlar/Nomex.
Thermal liner: 2 layer Spunlace/Meta-Aramid facecloth.
Moisture barrier: PTFE/Nomex/ParaAramid.
Foldover comfort chinstrap.
Drag rescue strap.
Inspection port liner.
Take up straps to postman.
Tabbed Nomex wristlets.
Kevlar/Nomex hem patch with VELCRO® brand.
1.5" VELCRO® brand and zipper coat closure.
Half high bellows pockets: Kevlar/Nomex 6" H x 9" W x 1.5" D.
Mic tab on the left chest, above radio pocket, 0.5" x 2.5".
Radio pocket, left chest, 8" H x 3" W x 2" D.
Lanyard flashlight clip, right chest.

Pant Specifications:

Outer shell: 7.5 oz Kevlar/Nomex.
Thermal liner: two layer Spunlace/Meta-Aramid facecloth.
Moisture barrier: PTFE/Nomex/ParaAramid.
Narrow 1.5" VELCRO® brand fly with D-ring closure.
PortLiner.
Detachable liner.
Lime 3" cuff trim and 2-tone Scotchlite.
Patented angled boot cuffs.
BiFlex heat channel knees "sewn in".
Take up straps to postman.
Bellows pockets 8" H x 8" W x 2" D.

Lion: V-Force TFS, Turnout Pants

Five inch back panel extends above the waist.
Pant Liner & Moisture Barrier: Traditional Liner, Glide™ face cloth quilted to 2.3oz NOMEX®/Kevlar® spunlace & 1.5 oz AraFlo® Dri, CROSSTECH® BLACK (Type 2F) PTFE/Nomex® Pajama Check laminated membrane.

Outer Shell: PBI Matrix Plus 7.0 oz.

Pant Fly Closure: Sewn on pant fly with PJ Crosstech®, closure thermo zipper inside with 1.5" hook & loop, 3/4" hook underneath PJ crosstech for liner attachment.

Take Up Straps: 1 pair 1 x 8.5" self fabric take up straps w/ 1" x 3" hook on end & 1" x 4.5" loop on opposite end, 1" x 2.5" strap w/one 1" nickel loop, take-ups bartacked to shell.

Pant Knee Reinforcement: Black poly coated aramid contoured knees with Lite-N-Dri padding.

Pant Cuff Reinforcement: Black poly-coated aramid pant cuffs and 3x3.5" kick shield.

Turn-Out Pockets: 9" x 10" x 2" split bellow pocket with Kevlar® lined on all 4 sides, 2 x 9" loop on pocket, 1.5 x 3" hook on flap, antenna notch on flap-specify location, split 5" front and 4" rear.

Turn-Out Pockets: 9" x 10" x 2" pocket with Kevlar lined on all 4 sides, (2) add layers of outer shell fabric lined with Kevlar on shell inside pocket, first layer is 6.5" high, second layer is 4.5" high, both layers stitched in 3" increments to create 6 combined, 1.5 x 3" hook on shell.

Leg Tabs: Standard, 2 black leather leg tabs per leg, with non-logo female snaps.

Reflective Trim: Ventilated 3" strip above cuffs, 3M™ Scotchlite™ Triple Trim, Yellow / Silver.

Hi-Back Pants design offers consistent support and easy attachment to matching V-Back™ Suspenders (*Not included*).

Liner Inspection System: Pant liner inspection system with 1 x 3" loop located at right side of liner waist. 1 x 3" hook sewn to right shell front for the pant liner inspection system.

Lion: V-Force TFS, 32" Bi-Swing Turnout Coat

Outer Shell: PBI Matrix Plus: 7.25 oz.

Coat liner inspection system located at center right front of liner, with 1x4" loop.

Waterwells -Chambray DWR 2-Layer NOMEX®/Kevlar® spunlace quilt/pajama check crosstech with 1" elastic wrist shield. W-well with 3/4" loop, male snap, sewn to coat liner sleeves.

Coat Wristlets: 8" isodri® over the hand- KEVLAR® / NOMEX® / Spandex® construction.

Coat Inner Yoke Reinforcement: Semper Dri® front and back yokes sewn to coat thermal liners.

Coat Closure System: 2.5" stormflap (Square Corners) with 2 layer self fabric & 1 layer Gore RT7100 PTFE, thermo plastic zipper in, 1.5" hook & 1.5" loop out (zipper in, hook on coat front, loop on stormflap with poly-coated aramid tab for V-Fit Bi-Swing coat.

Coat Elbow Reinforcement: Contoured Black poly-coated aramid elbow patch w/ 1 layer GIC E-88 foam padding. V-Force Bi-Swing.

Coat Collar: 3" split self fabric collar with CROSSTECH® PJ lined. 1 x 3" hook on each end inside and two pieces 1" hook set 1/2" from center along top edge for liner attachment. 1.5 x 4" hook & loop for front closure.

Throat Tab: 4 x 11" contoured collar throat tab with Gore RT7100, 2 x 2" hook on tab, 2 x 2" loop on bottom tab & collar, tab set on right end of collar, 2 x 3" loop on left side of collar, 2 x 2" loop on right side of collar & 2 x 2" hook on top side of collar tab for throat tab storage.

Coat Shoulder Reinforcement: Self fabric shoulder caps.

Coat Cuff Reinforcement: Self-Fabric Cuff Reinforcements.

Turn-Out Pockets: Two 9 x 9 x 2" semi bellow & handwarmer combined pocket with 6" opening on side, Kevlar® twill backer, handwarmer lined with semper dri. 1.5 x 3" loop on pocket & 1.5 x 3" hook on flap, 2 layers lite-n-dri inside flap corner & PCA tab out.

Turn-Out Pockets: 3.5 x 7.5 x 2" Radio Pocket with polycotton fully lined 3 sides inside pocket 5.25" divider, 2 x 3" loop on pocket & 2 x 3" hook on flap. Antenna notch on both sides of flap.

Mic Tab: 1" x 3" triple layer self fabric mic tab bartacked on each end.

Flashlight Strap: 1 x 10" 2 layers self fabric flashlite strap X-stitched to shell with 1 x 3" hook and loop. 1 x 3" triple layer self fabric mic tab bartacked at each end 2" above flashlight strap. 701 reverse snap hook riveted to shell with leather backing 2" above mic tab.

Misc. Fasteners: 1 Dee ring attached to coat.

Belts and Harnesses: DRD: Firefighter Recovery Harness with 2" welt and 5.25 x 2.25" flap with rounded corners. 1 x 2" loop for harness storage. 1 x 2" loop on shell flap closure, 1 x 2" hook on flap. 1.5 x 2" hook on harness. 2 x 2" loop underneath chest trim for harness storage, 1 pair 1 x 3.5" self-fabric straps with 1 x 2" hook and loop. The loop handle has a silver retro-reflective LION logo patch.
Reflective Trim: 3" New York Style trim pattern for V-Force. Ventilated Yellow 3M™ Scotchlite™.
Hangar Loop: Standard 5/8" x 5 1/2" self fabric hanger loop.

Example Tools Carried/Utilized by Firefighters in Structural Firefighting

Examples

Fire Pole Systems
Fire Axes
Rubber Mallet
McLeod Tool
Channellock Rescue Tool
Hydrant Wrenches
Scoop
Shovel
Fire Rescue Chain Saw
Broom
Fire Rake
Sledge Hammer
Pry Bar
Wedge
Fire Swatter
Hooks
Window Punch
Halligan Bar
Knives

Exhibit 5 - Wildland Firefighter's Equipment

Example Boots

Pro Warrington: 3003 8" Wildland/Station Boot, NFPA 1977

Military AB water resistant leather for outstanding durability, breathability and comfort.
Oblique shaped steel toe for added protection and comfort.
Stitched-down sole.
Abrasion and bacteria resistant Cambrelle lining.
Foam filled comfort collar that will not chafe.
Dual function closure system for enhanced ankle support and fit plus zipper for rapid donning and doffing.
Thermoplastic backpart molded heel counter ensures superior comfort, fit and durability. Will not lose shape if exposed to moisture.
Full wraparound Goodyear welt. Adds support, reduces fatigue and ankle sprains/strains. Welted construction retains its shape over the life of the boot so you keep that great fit.
Triple linear ridge shank for increased arch support and puncture resistant steel bottom plate.
Vibram Technical Lug non-marking outsole, combined with special fire retardant NFPA compound, for improved traction and durability.
NFPA Certified 1977 Wildland.

Haix: Airpower XR1 Dual-Certified Wildland, EMS, Station Boot, NFPA

Certified for Wildland Firefighting and EMS.
Secura Liner® - will never wrinkle up or pull out over time.
HAIX® Sun Reflect leather keeps feet cooler in direct sunlight.
HAIX® Arch Support System supports your foot in its natural, ideal position.
Insole is anatomically formed, quick change, machine washable insert with excellent moisture absorption and quick drying qualities.
Anatomically formed fleece absorbs moisture and supports ankle.
Anatomically formed and softly padded tongue, integrated heel bend, raised tip.
Carbon protective toe cap and exterior rubber toe cap.
Puncture protection sole.
Crosstech moisture barrier is 4 layers with inner Cambrelle lining, abrasion resistant, softly padded with breathable foam. It is waterproof, breathable, bacteria, chemical, and bloodborne pathogen resistant.
Heat resistant rubber sole.
Slip resistant rubber sole.
Black.
Waterproof Leather.
Height: 9".
Flexible protective and metal-free, cast into the midsole, to meet ASTM F2413-11 and CAN/CSA Z195-2009 standard for personal protection – protective footwear.
NFPA 1977-2011, NFPA 1999-2013, ASTM F 2413-2011, CAN/CSA Z195-2009.

8" Station/EMS Boot, Men's, NFPA

Upper material is soft, supple waterproof leather; hydrophobic, breathable, 1.8 – 2.0 mm thick.
Every step produces a pumping movement that literally blows moisture outside through air-permeable materials and larger air holes in the upper leg.
Provides excellent arch support which, when combined with the heel construction, holds and stabilizes your foot while allowing more freedom of movement in the forefoot area.

Heel bend improves ankle flexibility and increases freedom of movement while retaining ankle stability. Reduces pressure on the Achilles tendon while kneeling and/or driving.

Moisture barrier is waterproof, breathable, bacteria and chemical resistant, bloodborne pathogen resistant. Inner lining is 4 layers, with inner Cambrelle® lining especially abrasion resistant, softly padded with breathable foam.

Footbed is anatomically formed, quick change, machine washable insert with excellent moisture absorption and quick drying qualities.

Insole is anatomically formed fleece absorbs moisture and supports ankle.

Foam is injected into the midsole to optimize shock absorption and insulate against temperature extremes.

Anatomically formed protective toe cap meets ASTM F 2413-05, CAN/CSA Z 195-2002 standard for protective footwear.

Protective flexible midsole is stainless and case into the sole. Meets ASTM F 2413-05, CAN/CSA Z 195-2002 standard for personal protection - protective footwear.

Slip resistant rubber sole with polyurethane damping wedge, self cleaning tread, non-marking, oil and fuel resistant, with antistatic characteristics.

Puncture protection sole.

Zipper is securely mounted in the boot to allow for very quick entry and exit with optimum comfort while limiting lace exposure to snags.

Novel terrain and street tread with 3 tread levels for longer service life. Superior wear resistance, excellent anti-slip properties even in the cold, resistant to oil and fuel, non-marking.

Anatomically formed and softly padded tongue, integrated heel bend, raised tip.

Meets NFPA 1999-2013 edition, ASTM F 2413-05, CAN/CSA Z 195-2002.

Thorogoods 10" Wildland Hellfire Fire Boot

Upper: 6-7 oz. Black Oil Tanned Logger Leather. FLAME and Cut-Resisting Leather.

Construction: Goodyear Storm Welt.

Lining: Dri-Lex® Tongue, Comfort Weave Vamp.

Insole: Removable Felt Footbed.

Midsole: Rubber and Leather.

Shank: Composite.

Outsole: Thorogoods Vibram® FIRE Sole.

Special Features: Kevlar® Thread and Lace. Tip stitching for extra secure sole attachment. Meets the requirements of NFPA 1977 Protective Clothing and Equipment for Wildland Fire Fighting, Current Edition. UL Certified. Made in USA by ISO 9001 Certified Shoe Company.

Thorogoods 9" Hellfire Wildland Boot

Upper: Black Panther Oiled Leather, FLAME, and Cut-Resisting Leather.

Construction: Goodyear Storm Welt.

Lining: Dri-lex® Tongue, Comfort Weave Vamp.

Insole: Removable Felt Footbed.

Midsole: Rubber and Leather.

Shank: Composite.

Outsole: Thorogoods Vibram® FIRE Sole.

Special Features: Kevlar® Thread. Meets the Requirements of NFPA 1977 Protective Clothing and Equipment for Wildland Fire Fighting, Current Edition. UL Certified. Made in USA by ISO 9001 Certified Shoe Company.

Thorogoods 10" Wildland Boot with Zipper

Upper: Black Panther Oiled Leather. FLAME and Cut-Resisting Leather with Scuff-Resisting "Shark-Skin" Leather Toe and Heel Counter.

Construction: Goodyear Storm Welt.

Lining: Dri-Lex® Tongue, Comfort Weave Vamp.

Insole: Removable Felt Footbed.

Midsole: Rubber and Leather.

Shank: Steel Triple Ladder Shank.

Outsole: Thorogoods Exclusive Vibram® FIRE Sole.

Special Features: Meets the Requirements of NFPA 1977 Protective Clothing and Equipment for Wildland Fire Fighting, Current Edition. UL Certified. Lace-in YKK Duty Zipper. Made in USA by ISO 9001 Certified Shoe Company.

10" I-Met Structural/TRI/Wildland Boot

Upper: Black Boulder WATERPROOF, FLAME, and Cut Resisting Leather With Scuff-Resisting Vibram® Rubber Toe Bumper.

Construction: Goodyear Storm Welt.

Lining: Comfort Weave / Sympatex® WATERPROOF Barrier, Blood Borne Pathogen Compliant.

Insole: Polyurethane Removable Footbed on Flexible Double Rubber.

Midsole: Rubber.

Shank: Steel Triple Ladder Shank.

Outsole: Exclusive Vibram® FIRE Sole with chiseled edge lugs.

Special Features: I-Met Metatarsal Protection. L-Protection™ Puncture-Resisting Insole Material. This utility and rescue and recovery protective ensemble footwear element meets the requirements of NFPA 1951, Standard on Protective Ensembles for Technical Rescue Incidents, 2007 Edition. This wildland fire fighting protective footwear meets the requirements of NFPA 1977, Standard on Protective Clothing and Equipment for Wildland Fire Fighting, 2005 Edition. ASTM F 2413-05 M/I/75/C/75 Steel Toe. Electrical Hazard Tested For and Meets CAN/CSA-Z195 Electrical Shock Resistance Standard. Made in USA by ISO 9001 Certified Shoe Company.

Hercules V2 9" Leather Wildland Boot

Full-grain, water, flame, chemical, and cut resistant leather upper protects your foot.

Accordion-style flex point in the Achilles area allows the boot to flex where you do.

Fire-resistant Kevlar® thread throughout the upper ensures durability under fire.

Dual-Zone Contact™ Lacing System: Anatomically asymmetrical, with free floating lace points that allow the upper to conform precisely to the shape of each individual's foot.

Bi-zonal Lacing: The first speed hook is a lace lock, allowing you to tighten the boot in the forefoot area, lock the lace, then tighten the upper part of the boot for a custom fit.

Anti-microbial removable footbed with molded EVA heelcup and arch conforms to your foot providing comfort and support.

Molded heel counter cups heel and provides support.

Tapered microfiber heel slide for ease of donning and doffing. Stitching is offset to prevent premature wear and blisters.

Open cell polyurethane foam padding is strategically placed throughout the upper for superior comfort and support.

Welted construction allows for resoling, extending the life of your boots.

THOROGOOD FIRE > EMS > 8" POWER EMS/WILDLAND BOOT

Safety Toe.

Blood Borne Pathogen.

Electrical Hazard.

Electric Shock Resistance.

Puncture Resisting.

Slip Resisting.

Wildland Fire Fighting.

Waterproof.

Upper: Black Prime WATERPROOF, FLAME, and Cut-Resisting Leather, 3M Scotchlite Reflective Material.

Construction: Goodyear Storm Welt.

Lining: Cambrelle® / Sympatex® WATERPROOF Barrier. Blood Borne Pathogen Compliant.

Insole: Dual Density Polyurethane Removable Footbed .

Midsole: Rubber.

Shank: Steel Triple Ladder Shank.

Outsole: Vibram® FIRE and ICE Slip Resisting Sole.

Special Features: Flexible L-Protection® Puncture-Resisting Insole Material. Two Row Padded Leather Top. Shaft Vapor Exhaust Vents. This footwear meets the requirements of NFPA 1999, Standard on Protective clothing for Emergency Medical Operations, 2008 Edition. This wildland fire fighting protective footwear meets the requirements of NFPA 1977, Standard on Protective Clothing and Equipment for Wildland Fire Fighting, 2005 Edition. ASTM F 2413/05 M/I/75/C/75 COMPOSITE SAFETY TOE. Electrical Hazard. Tested For and Meets CAN/CSA/Z195 18,000 Volts Electric Shock Resistance Standard. 3M Scotchlite Reflective Material - High Visibility Piping.

Example Gloves

Pro-Tech 8: Fusion Structural / Wildland Firefighting and Extrication Glove, NFPA

Lightweight glove breaks in extremely fast and remains soft and flexible after use and washing.

Fire-retardant, breathable, mesh knit polymer liner provides blood borne pathogen/liquid resistance and reduces friction during donning and doffing.

Outer palm layer's distinctive stitching prevents the material from bunching up and promotes the most efficient grip of any NFPA compliant structural glove.

Ring and middle fingers' palm sides are cut and sewn independently for enhanced dexterity

Unique flexible 7-layer knuckle guard system provides repetitive thermal protection and cut/puncture resistance at the vulnerable knuckle compression point.

Gathered stitching around the entire wrist provides a secure fit and prevents debris from entering the glove.

Independently certified to NFPA 1971-2013 Edition by the Safety Equipment Institute, Virginia.

Materials and Layering

Outermost Palm Side Layer: Highly flexible and durable water repellent goat skin suede.

Second Palm Side Layer: Cut and heat resistant knitted Kevlar/Nomex.

Palm Side Inner Liner: 100% modacrylic mesh knit.

Palm Side Fingers: Knitted 100% modacrylic.

Outermost Back Side Layer: Layer of suede leather and layer of cut and heat resistant 100% Kevlar® knit that runs the length of the glove from finger tips to cuff edge.

Back Side Inner Liner: Mesh knit modacrylic.

Back Side Fingers: Knitted modacrylic.

Finger Sidewalls: Outer layer of Kevlar/Nomex and two additional layers of 100% modacrylic knit.

Knuckle Guard: Outer layer of 100% Kevlar®, two layers of silicon carbide both fused to 100% Kevlar®, another layer of 100% Kevlar®, and another layer of modacrylic knit.

Glove Interior: Two layers of highly breathable, completely sealed, polyurethane membrane to prevent liquid penetration and protect against blood borne pathogens.

Moisture Barrier: NFPA 1971 compliant Porelle FR 540.

100% Kevlar® high burst thread is used throughout the gloves.

Reflective tape is used on the glove's back side near the wrist area.

Shelby Pigskin Wildland/Rescue Glove

3oz. Shelby® Popcorn and black Color Pigskin, Wildland/Rescue with wristlet. CE Compliant. Meets NFPA 1977 Standard on Protective Clothing and Equipment for Wildland Fire Fighting, 2005 Edition.

Shelby 5002 & 5002F Specifications

Outer Shell: Heavy 3 to 3.5 oz., popcorn or black color abrasion resistant, multidirectional fiber structure, brushed pigskin. Tanned hide does not contain PCP (pentachlorophenol), its salts or esters.

5002F no wristlet and all popcorn color.

Pattern: Gunn cut, keystone double layer thumb crotch protection. 6mm wide, double row stitching around inset thumb.

Storage Attachment: Leather, 6mm x 51mm cut length, double stitched 38 mm apart.

Binding: Black 29mm Cotton (only model 5002F).

Wrist Shirring: 10mm Natural Elastic.

Thread: Lock-Stitch sewn with Kevlar thread, 8-10 stitches per 25mm. Spun Kevlar thread, tex 70,27.5 to 30.0/4 count, minimum break 12.0#.

Made in U.S.A.

Design & Construction

Anatomically designed gunn cut, keystone glove & thumb pattern. The glove body shall extend 1" above the wrist crease & shall have shirred elastic snugger. Glove shall have bound hem & be machine washable.

Example Pants

FeldFire CrewBoss Nomex Brush Pant

Designed to equip Wildland firefighters with the best in personal protective clothing, CrewBoss Brush pants offer an extensive list of features that provide unequalled strength and support. With the sewn in support of 10 bartacks along stress points, the extensive use of double needle seams and the crotch reinforcement panel, the Wildland Brush pant is ready to stand up to the toughest job. The roomier cut and elastic back band help to bring additional comfort to the firefighter while the unidirectional bellow thigh pockets with hook and loop closures bring additional functionality to any operation. With all these features and a proven history of reliability, it's no wonder that the CrewBoss Wildland Brush pant is a favorite on the fire line.

Features:

Elastic back band for ultimate freedom and comfort.

Seven oversized belt loops to accept 2 web belts.

Two generous rear pockets.

Oversized, extra-deep front slash pockets.

Extra roomy leg and seat cut.

Original crotch reinforcement panel.

Unidirectional bellow thigh pockets with full flap closures.

Hook and loop ankle straps covered with Nomex® fabric for heat resistance.

Brass, self-locking zippered fly with snap closure.
Nomex thread throughout.
Stress points bartacked at 10 locations for maximum durability.
ISO 9001 registered and certified by Underwriters Laboratories Inc.®
Available in sizes Small through 3XL.

Coaxsher CX Wildland Brush Pant

Comfortable: Seamless crotch design minimizes chafing.
Fit & Mobility: Articulated areas along with an aggressive cut provide excellent fit and mobility.
Durable: Double reinforced in high-stress areas to take the abuse.

Features

Minimize chafing with our new underside pattern design.
Articulated areas provide excellent comfort and fit.
Aggressively cut for maximum mobility.
Double reinforced in high-stress areas to take the abuse.
Super tough black oxidized YKK fly zipper assures a long life.
Double closure system with Mil-Spec Velcro and melamine button makes a solid closure system which gives redundancy and reliability in the field.
100% Guarantee.
Designed and built to NFPA 1977-2011 specifications.

Technical Specs

Material: NOMEX® IIIA, 6.8oz.
NOMEX® CRAQ-SPUN® Thread.
YKK® Zipper Pulls & Tape.
Melamine Buttons.
Mil-Spec Velcro.
Single Needle Tailoring.
Total Weight (Size: L): 23 oz. / 1.44 lbs. / 0.65 kg.

Coaxsher CX Wildland Vent Brush Pant

Breathable: XVent design provides air flow keeping your lower body cool.
Comfortable: Seamless crotch design minimizes chafing.
Fit & Mobility: Articulated areas along with an aggressive cut provide excellent fit and mobility.
Durable: Double reinforced in high-stress areas to take the abuse.

Features

Patent Pending XVent Technology makes these pants the coolest period.
Minimize chafing with our new underside pattern design.
Articulated areas provide excellent comfort and fit.
Aggressively cut for maximum mobility.
Double reinforced in high-stress areas to take the abuse.
Super tough black oxidized YKK fly zipper assures a long life.
Double closure system with Mil-Spec Velcro and melamine button makes a solid closure system which gives redundancy and reliability in the field.
100% Guarantee.
Designed and built to NFPA 1977-2011 specifications.

Technical Specs

Material: NOMEX® IIIA, 6.8oz.

NOMEX® CRAQ-SPUN® Thread.

YKK® NOMEX® Zipper Pulls & Tape.

Melamine Buttons.

Mil-Spec Velcro.

Single Needle Tailoring.

Total Weight (Size: L): 26 oz. / 1.63 lbs. / 0.74 kg.

CX Urban Interface Vent Pant

Breathable: “Xvent” design provides air flow keeping your internal core temperature cooled.

Comfortable: Seamless crotch design minimizes chafing.

Fit & Mobility: Articulated areas along with an aggressive cut provide excellent fit and mobility.

Durable: Double reinforced in high-stress areas to take the abuse.

Features

Patent Pending “XVent” Technology makes these pants the “coolest” period.

Minimize chafing with our new underside pattern design.

Articulated areas provide excellent comfort and fit.

Aggressively cut for maximum mobility.

Bar Tacked and Stitched with high-quality Nomex® Thread.

Double reinforced in high-stress areas to take the abuse.

Super tough black oxidized YKK fly zipper assures a long life.

Double closure system with Mil-Spec Velcro and melamine button makes a solid closure system which gives redundancy and reliability in the field.

Excellent Moisture Management.

100% Guarantee.

UL® Certified to NFPA 1977-2011 Specifications.

Technical Specifications

Material: TECASAFE™ PLUS 7oz. by Tencate.

NOMEX® CRAQ-SPUN® Thread.

YKK® NOMEX® Zipper Pulls & Tape.

3M® Reflective Trim.

Melamine Buttons.

Mil-Spec Velcro.

Single Needle Tailoring.

Total Weight (Size: L): 26 oz. / 1.63 lbs. / 0.74 kg.

UL® Certified to NFPA 1977-2011 Specifications.

Vector Wildland Fire Pant

Features

Minimize chafing with our new underside pattern design.

Aggressively cut for maximum mobility.

Double reinforced in high-stress areas to take the abuse.

Super tough black oxidized YKK fly zipper assures a long life.
Double closure system with Mil-Spec Velcro and melamine button makes a solid closure system which gives redundancy and reliability in the field.
100% Guarantee.

Technical Specifications

Material: Tecasafe® Plus 700.
NOMEX® CRAQ-SPUN® Thread.
YKK® Zipper Pulls & Tape.
Melamine Buttons.
Mil-Spec Velcro.
Single Needle Tailoring.
Total Weight (Size: L): 21 oz. / 1.31 lbs. / 0.60 kg.
UL® Certified to NFPA 1977-2011 Specifications.

CX Wildland Vent Pant, Tecasafe

Breathable: “XVent” design provides air flow keeping your body cool.
Comfortable: Seamless crotch design minimizes chafing.
Fit & Mobility: Articulated areas along with an aggressive cut provide excellent fit and mobility.
Durable: Double reinforced in high-stress areas to take the abuse.

Features

Patent Pending “XVent” Technology makes these pants the “coolest” period.
Minimize chafing with our new underside pattern design.
Articulated areas provide excellent comfort and fit.
Aggressively cut for maximum mobility.
Double reinforced in high-stress areas to take the abuse.
Super tough black oxidized YKK fly zipper assures a long life.
Double closure system with Mil-Spec Velcro and melamine button makes a solid closure system which gives redundancy and reliability in the field.
100% Guarantee.
UL® Certified to NFPA 1977-2011 Specifications.

Technical Specifications

Material: 7oz. Tecasafe Plus.
NOMEX® CRAQ-SPUN® Thread.
YKK® NOMEX® Zipper Pulls & Tape.
Melamine Buttons.
Mil-Spec Velcro.
Single Needle Tailoring.
Total Weight (Size: L): 26 oz. / 1.63 lbs. / 0.74 kg.
UL® Certified to NFPA 1977-2011 Specifications.

Crew Boss: Interface Brush Pants, NFPA

Features

Full cut Interface design, available in Advance®, Nomex® IIIA, and FR Cotton fabrics.
Fully covered zipper front closure with #10 brass zipper mounted on Nomex tape.
Caped shoulder design with built-in ease for full freedom of movement.
Gusseted cuff with hook and loop closure for adjustment.
Alpine-style collar.

Radio pocket with microphone tab.
Uni Large interior storage pocket and glove hanger tab.
Hi-viz/Reflective 3M triple trim wraps fully around hem, around chest/back, and around arms.
Nomex® thread throughout.
Optional soft FR cotton button-in liner for added warmth when you need it. Choose red or blue.
ISO 9001 registered and certified by Underwriters Laboratories Inc.
UL certified to NFPA 1977, 2005 Edition (Certification to 2011 Edition pending at this writing).
ISO 9001 registered facility.
Available in sizes Small through 3XL.
Made in USA
Directional front cargo pockets with concealed hand warmers.
UL Certified to meet NFPA 1977, 2005 Standard on Protective Clothing and Equipment for Wildland Fire Fighting.

Example Shirts

Vector Wildland Fire Shirt

Features

Excellent Moisture Management.
Soft and Lightweight Fabric Provides Unmatched Comfort.
FR Properties Won't Wash or Wear Out.
Ideal Pocket Layout & Design.
Two Chest Pockets.
UL® Certified to NFPA 1977-2011 Specifications.
Lifetime Warranty.

Technical Specifications

Material: Tencate Tecasafe® Plus 580.
NOMEX® CRAQ-SPUN® Thread.
Melamine Buttons.
Mil-Spec Velcro.
Single Needle Tailoring.
Total Weight (Size: XL): 16 oz. / 1.0 lb. / 0.45 kg.
UL® Certified to NFPA 1977-2011 Specifications.

Coaxsher CX Wildland Brush Shirt

Superior Breathability: Our patent pending Xvent system provides vent openings allowing body heat to escape while letting cooler air in creating body torso airflow.

Unrivaled Maneuverability: To provide the user with extra mobility, we have carefully designed the back shoulder gusset area so it doesn't restrict movement.

Ideal Pocket Layout: Larger sized pockets for storage, easy access and closure via Mil-Spec Velcro, specially designed for writing tool, and handy arm pocket to store personal items like gum, lip balm, cell phone, etc.

Unmatched Comfort: Specially-designed shoulder pockets create space for fire-retardant padding to be inserted for greater shoulder comfort.

Features

Patent Pending Xvent system Allows Body Heat to Escape.
Excellent Moisture Management.

Soft and Lightweight Fabric Provides Unmatched Comfort.
Back Shoulder Gusset Allows for Excellent Maneuverability.
FR Properties Won't Wash or Wear Out.
Ideal Pocket Layout & Design.
Top Shoulder Pockets Fits Fire-Retardant Padding for Shoulder Protection.
Two Chest Pockets.
Two Arm Pockets.
Lifetime Warranty.

Stryker Wildland Fire Shirt

The Stryker is the perfect lightweight wildland fire shirt for battling wildfires. 5.8oz Tecasafe Plus material wicks sweat away from your body and dries quickly. ¾ YKK Nomex front zip allows for breathability and easy on/off capabilities. A chest pocket gives you a handy place to store fireline notepads and a mic-clip strap provides easy access to your mic. Top button neck closure along with Mil-Spec Velcro wrist straps allow you to batten down the hatches when needed.

Features

¾ Front Zipper for breathability and easy on/off capabilities.
Excellent Moisture Management.
Soft and Lightweight Fabric Provides Unmatched Comfort.
FR Properties Won't Wash or Wear Out.
Chest Pocket to Store Fireline Notepads.
Mic-Clip Strap for Easy Access to Mic.
Top Front Neck Button Closure.
Mil-Spec Velcro Wrist Straps.
UL® Certified to NFPA 1977-2011 Specifications.
Lifetime Warranty.
Material: TECASAFE™ PLUS 5.8oz.
NOMEX® CRAQ-SPUN® Thread.
YKK® Nomex® Zipper.
Melamine Button.
Mil-Spec Velcro.
Total Weight (Size: XL): 23 oz. / 1.44 lbs. / 0.65 kg.
UL® Certified to NFPA 1977-2011 Specifications.

Beta Wildland Fire Shirt

This fire shirt is made mostly of 5.8oz Tecasafe Plus which is lightweight and breathable, and it also includes 7oz Tecasafe Plus in the areas where extra toughness is necessary. The Beta is easy to put on and remove thanks to its ¾ YKK Nomex front zip which also allows for breath-ability. Each bicep is featured with airflow vents and slanted Velcro pockets. This shirt also has a top button neck closure and Velcro wrist straps.

Features

Airflow Vents in Each Bicep Area.
¾ Front Zipper for breathability and easy on/off capabilities.
Two slanted bicep pockets with segmented Velcro.
5.8oz Lightweight Fabric Provides Unmatched Comfort.
Excellent Moisture Management.
7.0oz Material for Toughness.

FR Properties Won't Wash or Wear Out.
Top Button Neck Closure.
Mil-Spec Velcro Wrist Straps.
UL® Certified to NFPA 1977-2011 Specifications.
Lifetime Warranty.
Material: TECASAFE™ PLUS 5.8 oz. and 7.0 oz.
NOMEX® CRAQ-SPUN® Thread.
YKK® Nomex® Zipper.
Melamine Button.
Mil-Spec Velcro.
Total Weight (Size: XL): 23 oz. / 1.44 lbs. / 0.65 kg.
UL® Certified to NFPA 1977-2011 Specifications.

BetaX Wildland Fire Shirt

Xvent is king in the BetaX Wildland Fire Shirt. Airflow vents in each bicep area of the arms and two lower chest region vents allow for maximum torso airflow. Airflow cools the core, that's a good thing. Made mostly of 5.8oz. Tecasafe Plus (Lightweight and Breathable) with 7oz. Tecasafe Plus in the areas you want extra toughness. Top button neck closure along with Mil-Spec Velcro wrist straps allow you to batten down the hatches when needed. ¾ YKK Nomex front zip allows for breathability and easy on/off capabilities. Two slanted bicep pockets with segmented Velcro keeps contents secure while allowing easy access even with gloves.

Features

Airflow Vents in Each Bicep Area and Chest Area.
¾ Front Zipper for breathability and easy on/off capabilities.
Two slanted bicep pockets with segmented Velcro.
5.8oz Lightweight Fabric Provides Unmatched Comfort.
Excellent Moisture Management.
7.0oz Material for Toughness.
FR Properties Won't Wash or Wear Out.
Top Button Neck Closure.
Mil-Spec Velcro Wrist Straps.
UL® Certified to NFPA 1977-2011 Specifications.
Lifetime Warranty.
Material: TECASAFE™ PLUS 5.8oz. and 7.0oz.
NOMEX® CRAQ-SPUN® Thread.
YKK® Nomex® Zipper.
Melamine Button.
Mil-Spec Velcro.
Total Weight (Size: XL): 23 oz. / 1.44 lbs. / 0.65 kg.

Example Jumpsuits

Fireline Wildland Jumpsuit, 9 oz Indura Cotton or 6 oz Nomex IIIA

UL® classified to meet or exceed NFPA* protective clothing requirements for Wildland Fire Fighting and CAL-OSHA** requirements for protective clothing. Features include a 4" Alpine style collar with front zipper extended closure, encased with an internal and external flap. Zippers are Zytel FR50 Delrin zippers mounted on Nomex zipper tape. Articulated, radial designed sleeves eliminate shoulder seams and contour to fit the natural bend of the elbow. Self-material waistband has elastic at center back and

take-up straps on each side with an adjustable ladder buckle to allow a 4" waist adjustment for a comfortable fit. Contoured deep front pockets' special pass-through design allows access to trousers. The breast (radio), rear, and mid-thigh pockets offer extra storage and have hook/loop closures. Contoured knees allow for full range of movement. Gusseted leg has multiple cuff closure system comprised of 14" leg zippers mounted on Nomex tape, elastic and hook/loop adjustable tabs. *NFPA 1977 standard on Protective Clothing and Equipment for Wildland Fire Fighting (Current Edition). **CAL-OSHA Title 8 GISO Sections 3406(c)(1) and/or 3410(d)(1).

Example Coats/Jackets

Coaxsher: CX Urban Interface Coat

Comfortable: Soft and Lightweight FR Fabric Provides Unmatched Comfort along with Excellent Moisture Management.

Durable: Bar Tacked and Stitched with high-quality Nomex® Thread.

Fit & Mobility: Back Shoulder Gussets along with an Aggressive Cut Provide Excellent Fit and Mobility.

Safety & Protection: FR Properties Won't Wash or Wear Out.

Features

Excellent Moisture Management.

Soft and Lightweight Fabric Provides Unmatched Comfort.

Back Shoulder Gusset Allows for Excellent Maneuverability.

FR Properties Won't Wash or Wear Out.

Bar Tacked and Stitched with high-quality Nomex® Thread.

Ideal Pocket Layout & Design.

Chest Pocket.

Radio Pocket.

Arm Pocket.

UL® Certified to NFPA 1977-2011 Specifications.

Lifetime Warranty.

Technical Specifications

Material: TECASAFE™ PLUS 7oz. by Tencate.

NOMEX® CRAQ-SPUN® Thread.

YKK® Zipper Pulls & Tape.

3M® Reflective Trim.

Mil-Spec Velcro.

Single Needle Tailoring.

Total Weight (Size: XL): 27 oz. / 1.69 lbs. / 0.77 kg.

UL® Certified to NFPA 1977-2011 Specifications.

Veridian Limited's Wildland Jacket

Available in Nomex® IIIa or FR Indura® cotton and offers durable protection and lightweight comfort for wildland fire fighters. Veridian's wildland jacket features our Flex wing back construction for extra mobility. Along with our standard triple stitch seam construction, choose from a variety of options to suit your needs and budget.

Fully compliant to NFPA 1977 (current edition).

Available in Nomex IIIa or Indura Ultrasoft FR cotton.

Durable protection and lightweight comfort.
Optional 3M™ Scotchlite™ Reflective Material.
Flex Wing back for greater mobility.
Zipper closure on jacket.
Roomy bellows pockets on jacket.
Hook and loop cuff adjustment.
Lime Triple Trim.

PGI Fireline Wildland Coat, Yellow Nomex IIIA

Features and Benefits

Four inch high collar can be worn folded down to allow venting or zipped up to completely cover neck providing additional protection from heat and flame. Unlike conventional Wildland coats, no bulky throat strap and closure system is required.

Two-way brass zipper mounted to Nomex tape is covered by double storm-flap with intermittent hook/loop closures.

Articulated elbows promote freedom of movement as well as a more contoured fit.

Gusset at cuff has secondary hook/loop strip allowing cuff to be opened to its fullest extent for maximum ventilation or to allow glove cuff to be tucked inside.

3M Scotchlite Flame Resistant Retro Reflective Lime/Yellow two inch wide Triple Trim sewn around arms, bottom and across shoulders in back.

Large cargo hip pockets with hook/loop flap closures expand for extra storage capacity and have built-in hand warmer compartments.

Radial sleeve design allows full arm movement and assures "no hike" fit when arms are raised over shoulders.

Adjustable cuffs incorporate hook/loop tab for easy adjustment even when wearing gloves. Partially elasticized wrist allows cuff to be tightly secured without impeding circulation or movement.

Radio pocket with hook/loop flap closure and microphone holder loop.

Seamless shoulders eliminates bulky seams and allows maximum mobility while reducing wear and seam pressure under pack harness.

Hanger loop at neck.

Certification

U.L. Classified to meet or exceed NFPA 1977 Standard on Protective Clothing and Equipment for Wildland Firefighting (Current Edition).

Requirements for Cal-OSHA Title 8 GISO Sections 3406 (c)(1) and/or 3410(d)(1).

Crew Boss: Interface Wildland/Urban Coat, NFPA 1977

Combines features and functionality of both Wildland and Structural Firefighting turnout gear.

The ideal Wildland over-coat for initial attack.

Generous full-cut design allows faster donning, immediate response.

Designed for comfort, protection, and convenience in a wider range of situations.

Matches Interface Brush Pant to make a full set of protective wildland outwear.

Features

Full-cut design available in Nomex® IIIA or TecaSafe fabrics.

Fully covered zipper front closure with #10 brass zipper mounted on Nomex® tape.

Caped shoulder design provides extra room for full freedom of arm movement.

Gusset cuff with hook and loop closure.

Alpine style collar.

Radio pocket with mic tab.
Unidirectional front cargo pockets with concealed hand warmers.
Large interior storage pocket and glove hanger tab.
M Scotchlite™ Triple Trim around bottom, across back and around forearms.
Sewn with Nomex® thread throughout.
Coat available in Yellow only.
ISO 9001 registered and certified by Underwriters Laboratories Inc.
Available in sizes Small through 3XL.
Made in U.S.A.
Certified to meet NFPA 1977, 2008 Standard on Protective Clothing and Equipment for Wildland Fire Fighting.

Choose from three Outer Fabrics:
6.0 oz. NOMEX® IIIA, YELLOW
7.5 oz. NOMEX® IIIA, YELLOW
7.0 oz. TECASAFE PLUS

Example Helmets

Bullard Wildland Helmet Hat

Bullard Wildfire helmets are specifically engineered to meet the special needs of wildland/forestry firefighters. Manufactured from heat-resistant thermoplastic for superior impact and penetration protection, Wildfire helmets meet and exceed the performance specifications of NFPA 1977-2005. These helmets also exceed all major state fire codes for wildland firefighting. Wildfire helmets can also be customized by the Bullard Logo Shop. The Bullard Logo Shop uses the latest pad printing technology to print your logo or insignia in vivid colors.

Highlights

Easy to adjust Flex-Gear® ratchet sizing suspension.
Thermoplastic shell.
Available in cap style or full brim hat style.
Reflective lime-yellow stripes.
Three goggle clips.
Adjustable chinstrap.
Comfortable 6-point suspension.
Leather ratchet cover (on ratchet models).
Absorbent cotton brow pad.
Velcro attachments inside shell.
Meets NFPA 1977-2005 specifications.

Phenix First Due Series WILDLAND Version - OSHA Compliant

High temperature thermo plastic shell.
Four 3M lime-yellow reflective 1 x 4 strips.
Closed cell energy impact cap.
Exclusive Phenix suspension liner (nape strap or ratchet).
Nomex and fire retardant cotton 8 earlaps (sewn-in or detachable).
Nomex webbing chinstrap (postman s slide, quick release, or combination).
NFPA compliant 4.5 face shield with scratch resistant coating.
Screw knob attachment kit.

Compliant to current NFPA, CAL and US OSHA standards.

Example Face Masks/Shrouds

Hot Shield Wildland Firefighter Face Mask

The Hot Shield (model HS-2) Firefighter Face Mask is a multiple layer, patented face protector mask designed by firefighters for use in all wildland firefighting operations. The HS-2 offers unequalled, extreme protection against burns to the face/neck with the added benefit of blocking & reducing the inhalation of smoke & ash particulate. Multiple layers of CarbonX[®] help maintain the crucial airspace in front of the mouth and nose. The soft comfortable inside liners (also CarbonX[®]) absorb perspiration, adding to user comfort.

Highly breathable mesh CarbonX[®] covers the center ventilation orifice allowing easy air exchange and helps prevent buildup of CO₂. The patented, user-friendly design allows the firefighter to insert an activated carbon, low cost disposable particle filter w/exhalation valve. CarbonX[®] is the only inherently non-flammable revolutionary fiber in the world that will not burn, ignite, char, shrink or decompose at temperatures exceeding 2600 F. even for extended periods of time. The HS-2 weighs 4.0 oz./112 grams, incorporates Scotchlite[®] Reflective trim for nighttime visibility and is classified as an interface component of Wildland PPE.

HS-2 Mask Filter

Filter for use with the HS-2 Mask.

Carry Pouch

Carry Pouch for HS-2 Mask & Accessories.

Hot Shield UNI-V@ Ultra Shroud Extreme

The UB-V2 offers the top performance protection of CarbonX, yet doesn't require a filter of any kind. This mask is a nearly 100% fireproof facial protection garment that is easier to use, take off and put on than any mask or bandanna you have every used or seen before.

CX Wildland Helmet Shroud

Designed and built for comfort and protection, the CX Wildland Helmet Shroud keeps your face and neck shielded from embers and heat. An offset velcro-close face closure provides better comfort and less heat retention while breathing. Attaches to wildland helmet via Mil-Spec Velcro.

Features

Excellent Moisture Management.
Soft and Lightweight Fabric Provides Unmatched Comfort.
FR Properties Won't Wash or Wear Out.
Stitched with high-quality Nomex[®] Thread.
Offset Velcro Closure for Maximum Face Comfort.
Lifetime Warranty.

Example Goggles

Wildland Fire Odyssey II Goggles

HIGH TEMPERATURE MATERIAL Sealed "Dual" Scratch-Resistant, Anti-Fog Lens UV absorbing polycarbonate lens.

Ultra comfortable, soft closed cell foam for a snug seal allowing no smoke to come in.

Non-vented body, offering best protection against liquids and dust.

Extra wide peripheral vision.

Fits over prescription eyewear.

Easy strap adjustment.

Meets ANSI Z87.1-2003 Standards.

Meet CAN/CSA-Z94.3 Standards.

MEETS NFPA 1977.

Example Firefighting Pumps

Indian Backpack Firefighting Pumps-Galvanized

Five-gallon tank features baffle, outlet with filter screen at bottom, 1" recessed bottom, and ventilated back rest. Slide action pump is operated by hand. Gasketed cam lock tank cap features a ventilation hole to prevent tank collapse, and is secured to the tank by a 4" beaded chain. Combination nozzle allows quick change from spray to straight stream. Single-braided, flexible, oil-resistant hose, 1/2" I.D., 30" long. Carrying handle has clips for securing pump and holes for attaching removable, 1-3/4" heavy-duty polypropylene shoulder straps. One strap has clip for attaching pump to your chest. Net Weight: Stainless 12 lbs., 2 oz. Galvanized 12 lbs., 5 oz.

Smith Indian Fire Pump, Steel Wildland Fire Tank with Pump, 5 Gallon

Features

Galvanized or stainless steel tanks outfitted with premium Smith all-brass or chrome pump.

Pump will provide years of bind free use and you can count on it in an emergency.

Lumbar support built into back with air vent holes for comfort.

Dual nozzle changes quickly from stream to spray without tools.

Available in 5 gallon galvanized or stainless steel with a chrome or brass pump.

Truck carry rack and tank/pump service kit available separately.

MADE in the USA.

Dimensions: 19" x 16.25" x 10".

Weight: 10 lbs stainless and 11 lbs galvanized.

Additional Features

Large 4" filler opening for easy filling and cleanout.

Carrying handle located at top of tank has clips for storing pump.

Slide pump fabricated from seamless brass cylinders.

A guide bushing on the inner cylinder allows for bind free operation.

Combination nozzle allows for operator to change from a straight stream to a cone spray quickly and easily without any special tools.

Nozzle secures to pump with beaded chain.

Pump can be disassembled by hand for complete in field maintenance.

Available in Stainless or Galvanized steel with a chrome or brass pump.

Smith 500 FSV Fedco SmokeChaser Collapsible Heavy Duty Vinyl Wildland Indian Fire Tank Bag with Pump, 5 Gallon

Features

Constructed of strong polyester fabric encased in vinyl for superior durability.
Vinyl gives maximum resistance to weather, acid, alkalis, and water.
Puncture, abrasion and weather resistant for years of use.
Collapsible, rolls up to fit in small areas when not in use.
Dual nozzle changes quickly from stream to spray without tools.
Lumbar support and waist belt added for comfort and stability.
Available in 5 gallon, 5 lb. (empty) with brass pump.
Service kit is available separately and includes replacement parts for the SmokeChaser.
MADE in the USA and approved the US Forestry Service.
Dimensions: 18.875" x 4.5" x 4.5".
Weight: 5 lbs.

Additional Features

Seams are electronically seals and reinforced at all stress points.
Pump is completely rust proof and provides a positive shutoff at any position with no drip off or waste of water.
Pump is unaffected by non-use periods of storage.
Pump has been tested 50,000 strokes at 4 psi without any loss of pump efficiency.
Shoulder strap is equipped with clip to hold pump, freeing up hands.
Oil proof 44" long hose is equipped with rust proof ball bearing quick connect type connector.

Smith Indian Fire Pump, Chief 5-Gallon Heavy-Duty Dual Bag Nylon Fire Pump

This 5 gallon lightweight, heavy duty nylon fire pump bag is collapsible and can be rolled up to fit in small areas when not in use. The lightweight design helps reduce operator fatigue and are perfect for forest, grass brush and rubbish fires. The shoulder harness straps offer the best in comfort with the center cinch strap distributing weight efficiently and comfortably. Nylon gives maximum resistance to weather, acid, alkalis, and water and is also puncture, abrasion and weather resistant for years of use and abuse found on the Fireline. The pump is all brass and the dual nozzle changes quickly from stream to spray without tools. The military spec shoulder straps and carry handle will not rot, mildew or twist while in service. Weighs approx. 5 lbs. (empty). All Smith Indian fire pump tanks are proudly MADE in the USA and approved the US Forestry Service.

Durable outer bag offers more protection from punctures.
Harness straps with chest cinch strap help balance the load and prevent straps from pulling forward.
2 liners are included with fire pump—an extra liner is stored in the outer pouch of nylon bag which is also perfect for storing extra gear.
Quick connect and Indian Fedco pump are the same as used on the Smokechaser model and the dual nozzle can change from stream to spray without any tools.

Hale Fyr Pak Backpack Pump

The compact Hale Fyr Pak pump is close coupled to a lightweight engine. This unique pumping unit is designed for dependable and efficient high pressure performance with minimum weight. The pump and engine are securely mounted using vibration absorbing bushings to a comfortable backpack carrying frame. The unit is well balanced and mounted close to the foam padded lightweight adjustable frame for

maximum carrying comfort.

Features

Lightweight, easy to carry and set-up.
Simple & reliable to operate.
Meets USDA specifications 5100-274A.
Quick connect 5 gallon fuel can w / 5' fuel line.

Pump Specifications

Model: Hale 20FP.
Type: Centrifugal.
Primer: Optional hand type.
Construction: Aluminum w/bronze impeller.
Suction: 2".
Discharge: 1 1/2".

Engine Specifications

Engine: 8 hp Chrysler, 2 cycle Power Bee, air cooled.
Starting: Recoil type.
Construction: Lightweight aluminum.

Dimensions

Length: .32".
Width: .165".
Height: .13".
Weight: .34 lbs.

Pump Performance

PSI	GPM
205	10
140	40
40	70

Example Drip Torch

Forestry Suppliers Sure-Seal Double-Bottom Drip Torch

Safety features include a Big Mouth design for easier filling. A fuel trap on the spout prevents flashback into tank. A check valve in the cover provides a second level of protection against flashback. Breather valve, oilproof gaskets and sealed outlets prevent spills and fuel-slopping. Heavy-duty 15-gauge aluminum canister with welded double-bottom for extra-long life. Meets D.O.T. approval for transport of flammable fuel UN# 1B1-Y-150-06. Full-length handle. Height: 25-1/2" high in the operating position; 14" high in the sealed position. Capacity: 1-1/4 U.S. gallons. Weight (empty): 5 lbs., 6 oz.

Mercedes Textiles Drip Torch, 1.2 US Gallon Capacity

Constructed of lightweight, long-lasting aluminum, Mercedes Textiles' Drip Torch is an excellent tool for intentionally igniting and directing controlled fires during wildland firefighting. This drip torch is equipped with multiple safety features to assure safe and reliable ignitions, including a check valve, a fuel trap, and a self-extinguishing igniter when the torch is in an upright position. The torch wand is

reversible for convenient, leak-proof storage within the reservoir. With a tank capacity of 1.2 US gallons (1 imperial gallon / 4.5 liters), Mercedes Textiles' Drip Torch makes it much easier and safer to ignite controlled fires for use in wildland firefighting situations.

Constructed of lightweight, long-lasting aluminum.

Equipped with multiple safety features.

Check valve.

Fuel trap.

Self-extinguishing igniter (when the torch is in an upright position).

Reversible wand for convenient, leak-proof storage within the reservoir.

Tank capacity of 1.2 US gallons / 1 imperial gallon / 4.5 liters.

Excellent for intentionally igniting and directing controlled fires during wildland firefighting.

Example Wildland Pack

True North Spitfire Wildland Pack

The patented SCS™ (Super Compression Suspension) is designed to make this pack feel virtually weightless and ultra comfortable by pulling the pack's load securely against you. Hip belt and harness are removable. Other features include a removable fire shelter pocket, two side pockets which can hold one-liter bottles, and reflective trim. Meets NFPA 1977, 2005 Edition. Lifetime manufacturer's warranty.

Capacity: 2,250 cubic inches.

Coaxsher SR-1 Endeavor Search and Rescue Pack

Features

Modular Pack System for Multiple Set-Up Options.

Aluminum Stay Frame Structuring for Custom Fit.

New Patent Pending D.A.S. Dual Action Stabilizer.

4 Grommets on Each Side Pocket Provides Maximum Drainage for Fluids and Dirt.

Additional Inside Mesh Storage Pockets.

Daisy Chain with Built In Ladderloc Provide the Ability to Attach Belt-Loop Accessories .

Quick-Release ITW Nexus Buckles on All Connection Points for Maximum Speed when Converting Pack.

Adjustable Hip Belt/Torso to Fit Multiple Sizes.

Ergonomically Designed Harness System.

Webbing Reinforced Stress Points.

102 oz. Water Reservoir Pocket w/ Dual Hose Ports.

Removable 400 cubic inch Medical Kit Case.

Two Side Pockets for Water Bottles (Capacity: 4 - 32oz.).

Total of 10 Pockets for Organization.

More Webbing Daisy Chain Connection Points.

Two Covered Side Pockets.

Lifetime Warranty.

Material: DuPont® 1000 Denier Cordura®.

ITW Nexus® Buckles and Hardware.

YKK® Zipper Pulls & Tape.

Quality Nylon Webbing.

Total Weight: 78 oz / 4.88 lbs / 2.21 kg.

Full Volume: 2800ci / 45.88 liters.

Light-Duty Volume: 900ci / 14.75 liters.

Coaxsher FS-1 Spotter Mid-Weight Wildland Fire Pack

Features

Fire Shelter Case Drop-Down Feature Counterbalances Weight While Digging.
Modular Pack System for Multiple Set-Up Options.
Aluminum Stay Harness Structuring for Ultimate Hiking Comfort.
New Patent Pending D.A.S. Dual Action Stabilizer.
Inside Mesh Storage Pocket.
Daisy Chain with Built In Ladderloc Provides the Ability to Attach Belt-Loop Accessories.
Quick-Release Buckles on All Connection Points for Maximum Speed when Converting Pack.
Adjustable Hip Belt/Torso to Fit Multiple Sizes.
Ergonomically Designed Harness System.
Webbing Reinforced Stress Points.
102 oz. Water Reservoir Case w/ Dual Hose Ports.
Removable 700 cubic inch Main Pack.
Removable New Generation Fire Shelter Case.
Gloves Pocket on Fire Shelter Case.
Includes the Water Bottle Case.
Lifetime Warranty.
Material: DuPont® 1000 Denier Cordura®.
ITW Nexus® Buckles and Hardware.
YKK® Zipper Pulls & Tape.
Quality Nylon Webbing.
Total Weight: 60 oz / 3.75 lbs / 1.7 kg.
Volume: 1100ci / 18.03 liters.

Coaxsher FS-1 Ranger Wildland Fire Pack

Features

Fire Shelter Case Drop-Down Feature Counterbalances Weight While Digging.
Compression Straps Keeps Load Secure.
Modular Pack System for Multiple Set-Up Options.
Aluminum Stay Harness Structuring for Ultimate Hiking Comfort.
New Patent Pending D.A.S. Dual Action Stabilizer.
Spin-Drift Collars Inside Side Pockets.
4 Grommets on Each Side Pocket Provides Maximum Drainage for Fluids and Dirt.
Additional Inside Mesh Storage Pockets.
Daisy Chain with Built In Ladderloc Provides the Ability to Attach Belt-Loop Accessories.
Quick-Release ITW Nexus Buckles on All Connection Points for Maximum Speed when Converting Pack.
Adjustable Hip Belt/Torso to Fit Multiple Sizes.
Ergonomically Designed Harness System.
Webbing Reinforced Stress Points.
102 oz. Water Reservoir Case w/ Dual Hose Ports.
New Generation Fire Shelter Case w/ Alice Clips.
Glove Pocket on Fire Shelter Case.
Two Side Pockets for Water Bottles (Capacity: 4 - 32oz.).
Total of 10 Pockets for Organization.
Tool Loop to Secure Tools to Pack.
Two Covered Side Pockets for Fuses.

Lifetime Warranty.
Material: DuPont® 1000 Denier Cordura®.
ITW Nexus® Buckles and Hardware.
YKK® Zipper Pulls & Tape.
Quality Nylon Webbing.
Total Weight: 78 oz / 4.88 lbs / 2.21 kg.
Full Volume: 2700ci / 44.25 liters.
Light-Duty Volume: 800ci / 13.11 liters.

Coaxsher FS-1 Mojave Lightweight Wildland Fire Pack

Features

Water Reservoir Case Holds up to a 102oz. Water Bladder (Water Bladder Sold Separately).
New Generation Fire Shelter Case.
Gloves Pocket on Fire Shelter Case.
Fire Shelter Case Drop-Down Feature Counterbalances Weight While Digging.
Attach Fire Shelter Case to Side of Hip-Belt w/ alics clips.
Hip Belt Daisy Chain for Adding Coaxsher Accessories.
Capable of Adding Coaxsher Pack Modules.
Superior Comfort for Hip, Back, & Shoulders.
Perfect for Working In & Out of Vehicles.

Ranger/Endeavor 1500ci Pack

Note: This is just the 1500ci pack module. Does not include pack harness or any other module.

Features

Side Pocket Lids Stow When Not Needed.
4 Grommets on Each Side Pocket Provides Maximum Drainage for Fluids and Dirt.
Additional Inside Mesh Storage Pockets.
Quick-Release ITW Nexus Buckles on All Connection Points.
Webbing Reinforced Stress Points.
Two Side Pockets for Water Bottles (Capacity: 4 - 32oz.).
Total of 8 Pockets for Organization.
Tool Loops to Secure Tool to Pack.
Two Covered Side Pockets for Fuses.
Lifetime Warranty.

Alpha-10 Fire Line Pack System

Features

Top loader: uses a dry bag closure mechanism.
Non-detachable pack with radio holsters, flagging tape dispenser and battery pouch built-in.
Oversized, open side pockets fit multiple water / SIG bottles.
Dynamic Load Management System compresses entire pack without blocking access.
Heavily padded, softer belt, suspenders, yoke and back.
Tapered suspenders reduce rubbing while working.
CamelBak 102 oz. Omega reservoir included.
Fire Shelter Case is detachable, right or left hand pull, and can be mounted to the belt.
2200 cu in (main body alone).
NFPA certified.
6 lbs., 6 oz.

Black.

Example Forest Fire Protection Shelter

Anchor Industries New Generation Fire Shelter

This shelter provides added protection from direct flame, reflects radiant heat, and traps breathable air. The outer layer is comprised of aluminum foil which reflects radiant heat and woven silica cloth which slows the passage of heat to the inside of the shelter. The outer layer of foil reflects approximately 95 percent of radiant heat. The shelter's inner layer is constructed of fiberglass laminated to aluminum foil which prevents heat from being reradiated to the person inside the shelter. Shake handles allow for fast deployment while rounded ends scatter radiant heat.

Regular Fire Shelter: For most firefighters up to 6 ft. tall. Deployed size: Length: 86", Height: 15.5", Width: 31". Regular size shelter provides protection for most firefighters up to 6 ft. tall and of normal weight (no more than 53" in girth at any point). (NFES #0925).

Large Fire Shelter: For firefighters over 6 ft. or more than 53" in girth. Deployed size: Length: 96", Height: 19-1/2", Width: 33". Large size shelter is designed for firefighters taller than 6' 1" or whose girth exceeds 53" at any point. The larger fire shelter provides better protection for larger people by allowing less contact of the shelter material with the occupant's body and provides more air space between the shelter and occupant. The large fire shelter is easily identified by the orange deploy strap. Forest Service Spec 5100-606. (NFES #0975).

Specifications:

DIMENSIONS	REGULAR	LARGE
Folded in Case	8.5"H x 5.5"W x 4"D	9"H x 5.5"W x 4"D
Deployed	86"L x 15.5"H x 31"W	96"L x 19.5"H x 33"W

Example Radio Holster, Hip Case, Radio Chest Harness

Coaxsher Mini Radio Holster

Attaches to hip-belt of Coaxsher backpacks and MOLLE Chest Harness via a MOLLE strap.

Features

Stores and Protects mini Radios.

MOLLE Attachment System.

Easy Access to Stored Items.

5" H x 3" W x 2" D.

Lifetime Warranty.

Multi-Use Hip-Case

Store and access sawyer supplies, EMT supplies, etc. Inside this case is sewn elastic to hold stored items in place. With the MOLLE attachment system you can attach this case to either the MOLLE Chest Harness or hip-belt on a Coaxsher backpack.

Features

Small/Medium Item Storage.
MOLLE Attachment System.
Easy Access to Stored Items.
8" H x 6" W x 3" D.
Lifetime Warranty.

Coaxsher DR-1 Commander Dual Radio Chest Harness

Features

Two Main Radio Holsters - Fits Two BK / 800 MHz radios.
Large Wide-Mouth Zipper Close Main Pocket.
Two Internal Pockets within the Main Pocket for Organization.
Fold-Down Platform for Reading/Writing.
Open Air Back Plate Cuts Weight and Allows Airflow.
Writing Tool Pockets.
Adjustable Radio Holsters to Fit Multiple Radio Sizes.
Spare Battery Shell / Cell Phone Pocket.
Hi-Strength Grommets / D-Ring to Secure Extra Gear.
Great Visibility - Reflective Material & Glow Stick Holder.
Removable Mod-u-Lox C-Clip Holds Mini Mag Lite®.
Lifetime Warranty.

Example Tools

Council Tools 3.75lb Pulaski Axe

3.75# Pulaski axe with 36" hickory handle. A traditional style bit axe blade on one end and a mattock blade for digging or grubbing on the other end. Used in a variety of settings including forestry and general landscaping.

Forged steel head.

Made in USA.

Hand sharpened, single bit edge and mattock blade.

ANSI Standards call for bit hardness of Rc 45-60, at least inch back from the cutting edge. Council Tool internal standards call for tempered bit hardness of Rc 48-55.

Body coated with red enamel and the cutting edges in clear lacquer to deter rust.

36" double bit American hickory handle. Eye section is dried to below 10% moisture content to minimize shrinkage and help prevent loosening.

Axe head is hydraulically seated onto handle and secured with a serrated aluminum wedge. The serrated shape improves bite and the aluminum choice of material is strong, lightweight and does not change size with moisture content.

The interior detail of the eye is tapered and allows for a strong mechanical bond. Approximately 1/2" of the overall length of the handle is removed during assembly.

Fire Hooks Unlimited Pulaski Axe with Fiberglass Handle

The Pulaski is a combination axe and grub hole ideal for chopping, digging fire lines in hard and soft soils. Ground and tempered cutting edges. Axe head attached to a fiberglass handle which dramatically outlasts wood in firefighting applications by resisting breakage, heat, moisture, and cleaning materials.

Akron 58" Round or Square Point Shovels, Ultra-Lite Handle

Features

HEAD DIMENSIONS: 8" W x 10" L.

OVERALL LENGTH: 58".

Square point shovel works well for structural fire clean-up.

Round point shovel works well for fast digging on the fire line.

Tempered steel construction allows shovel heads to keep their shape and edge.

Corrosion resistant clear-coat finish.

58" Akron Ultra-Lite hollow fiberglass poles provide high strength with minimum weight.

Bright yellow handle color will not chip or fade and makes these shovels easy to find.

5-year Manufacturer's Limited Warranty.

Akron McLeod Wildland Fire Tool, 48" Wooden Handle

A hoe and rake in one—to clear firelines faster.

Lightweight, convenient combo tool made especially for wildland firefighting.

Deeply serrated rake clears brush or debris.

Sharpened hoe for scraping, cutting, and chipping out trails.

48" White Ash handle provides strength with less weight.

Breaks down with a wrench for easy packing.

Features/Specifications

HEAD DIMENSIONS: 11" W x 8-3/4" H.

TOTAL LENGTH, ASSEMBLED: 50-1/2".

11" wide steel rake head with six tapered teeth.

Tapered hoe has sharpened blade for cutting and chipping.

Heavy-duty welded construction.

Steel head is attached by a hex nut for fast removal or replacement.

A pin keeps the tool head from rotating.

Tool breaks down easily for packing into remote locations.

Corrosion resistant powder-coated finish.

48" natural White Ash handle.

Shellac finish for durability.

5-year Manufacturer's Limited Warranty.

Council Pick & Shovel Combi-Tool

This high-quality, long-handled variation on the classic military folding foxhole shovel is used to construct fire lines, control burn operations, and construct or repair trails. The council combination tool is a pick and shovel that can be secured as a shovel/hoe/pick combination, shovel only, or pick only. The shovel end's cutting edge is able to cut light brush. The tools fold flat against the 42" wooden handle for easier transport and storage.

Features

Shovel.

Straight Pick.

Combination.

Folds flat for easy transport and storage.

Sharp edged shovel will cut light brush.

Classic versatility from a tool that can be used for many applications.

Council Tool Forest Fire Rake

4 triangular shaped steel cutting teeth, specially sharpened and hardened.

Securely riveted to tough iron.

Red enamel coating on body, teeth are natural steel finish coated to deter rust.

Tamp down style handle socket. Can break down easily for storage and handling.

52" American Ash handle. This material produces long, straight grain and provides strength, flexibility and memory.

Features

Durable forestry tool for chopping, raking, moving underbrush, vines, etc.

Produced in accordance with USDA Forest Service Specification 5100-284C.

Forest fire rake with a 52" or 60" handle.

Council Tool McLeod Tool

Features

Made in USA.

High carbon steel blade, formed and sharpened for digging and clawing and clearing brush.

Heat Treated for toughness and wear resistance.

Black enamel finish for rust resistance.

Enhanced ferrule joint for strength and durability.

48" American ash handle is strong and durable.

Produced in accordance with USDA Forest Service Specification 5100-353D, dated November 1992, or latest version thereof.

Fire Hooks Unlimited Wildland McCloud Tool

This efficiently designed tool is both a forestry rake and hoe. The heavy duty double-side blade comes complete with your choice of Fiberglass or Ash Core Wood handle. Can be used for trenching, grubbing, or slashing brush. Or put it to work cutting through deep duff, underbrush and similar fuels. If you've got to carry one tool, this is the one.

Efficiently designed to be both a forestry rake and hoe.

Can be used for trenching, grubbing, or slashing brush.

Cut through deep duff, underbrush and similar fuels.

Heavy duty double-sided blade comes with either Fiberglass or Ash Core Wood handle.

Handle is non-removable.

Specifications:

Length of handle: 4 ft. 6 in.

Width of head: 10.5 in.

Height of head: 9 in.

Fire Hooks Unlimited Brush Fire Broom, 5 Ft Length

Brush Fire Broom with 5-feet-long hickory handle.

Fire Hooks Unlimited Brush Rake, 5 feet

Available with either Ash Wood or Fiberglass handle.

Length: 5'.

Council Tool Fire Swatter w/ 60" Handle

Fire swatter has a 60" handle. Sometimes referred to as a fire flap, flail or beater, this tool is used to smother fire. Typically it is used to control or direct flames during controlled burns or in conjunction with mop-up details after fires.

Made in USA.

Flap is a masticated rubber piece of approximately 1/4" x 12" x 15".

Secured to a rectangular steel structure member with a welded stud which is forced into a ferrule.

Red enamel finish on the metal frame.

60" American ash handle with a ferrule for strength and durability.

Bundled for shipment and handling.

Nupla Single Edge Bush Hook

3 lb. Drop forged, heat treated and tempered heavy gauge carbon steel single-edge sharpened blade, 11 1/2" in length. Lifetime® warranted Nuplaglas® handle is constructed with thousands of fiberglass strands and a unique resin to make it super strong, all-weather, chemical and insect-resistant. Ergonomic non-slip grip.

EXECUTABLE Contract SW0241 Banner Fire

Final Audit Report

2023-08-22

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