



**OGDEN CITY CORPORATION
REQUEST FOR PROPOSAL**

Structural Personal Protective Equipment (PPE)



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Ogden City Fire Department
September 7, 2023

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Ogden City Fire Department is requesting sealed proposals from qualified companies for the purchase of firefighter clothing – structural and wildland personal protective equipment - for its members.

Proposal packets may be obtained from Ogden City Purchasing, 2549 Washington Blvd., Suite 510, Ogden, Utah, or by downloading proposal packets from the Ogden City website at <http://ogdencity.com/264/Purchasing>. Proposers are responsible for securing any and all addenda issued.

(6) Sealed responses to this RFP shall be submitted to the Purchasing Office, c/o 2nd Floor Information / Constable Desk, 2549 Washington Blvd, Ogden, UT, 84401 by **October 5, 2023, no later than 11 AM. LATE PROPOSALS WILL NOT BE ACCEPTED.**

The City reserves the right to accept or reject any proposal as it best serves its convenience and/or is found to be in the best interest of the City.

Ogden City encourages and welcomes bids from small, local, women and minority owned businesses and other disadvantaged business enterprises.

Ad Published: September 9 & 16, 2023

**OGDEN CITY CORPORATION
REQUEST FOR PROPOSAL**

Structural Personal Protective Equipment (PPE)

I. INTRODUCTION

The purpose of this Request for proposal (RFP) is to solicit bids to enter into a purchasing contract(s) with a local distributor (hereinafter referred to as the (“Vendor”) to obtain structural firefighter clothing for members of the Ogden City Fire Department (hereinafter referred to as the (“Customer”).

This RFP is designed to provide interested Vendors with sufficient information to submit proposals meeting minimum requirements; it is not intended to limit the content of a proposal or exclude any relevant or essential data. Vendors are at liberty and are encouraged to expand upon the specifications to evidence their capability under any agreement.

For the purposes of this RFP, the term Customer includes direct employees of the Ogden City Fire Department.

It is anticipated that this RFP process will result in one OR may result in multiple contract award. The RFP document will become part of the final contract. The contract will be issued for a period of three (3) years.

II. SCOPE OF WORK or SPECIFICATIONS – Refer to Exhibit A

III. RESPONSE TO RFP

Ogden City is seeking proposals from offerors capable of providing all the work described in the Scope of Work including attachments.

A. Each Proposal must include, as a minimum, the following information:

1. Authorized Representative – Indicate name, address, email and telephone number of the company submitting the proposal.
 - a. Include the name and contact information of the person designated as authorized to contractually bind the offer.
 2. Include company history with biographies and/or resumes for principal contacts. Include a summary of resources and services that will be utilized to provide the product(s) and services.
 3. Company Experience - A description of the firm’s experience and capability of fulfilling this contract if awarded.
 4. References – Provide list of at least three references; include project dates, scope, summary of work performed, and contact information.
 5. Include a summary of the product standard features and option currently available.
 6. Cost Proposal - A detailed breakdown of the proposed costs and timeframes from fitting, ordering and delivery. Include a price guarantee period of 1 year.
- B. For City record-keeping purposes, please do not use spiral or wire binding methods. The following methods will be accepted:
- a. Submitted as loose leaf with binder clip
 - b. Submitted in a regular 3-ring binder
- C. Proposals submitted to Ogden City are considered public records, unless protected within [Utah Code 63G-2-1](#).

IV. EVALUATION OF PROPOSALS

Proposals will be evaluated in accordance with the criteria listed below:

A. Resources/Service	20%
B. Experience and qualifications	20%
C. Capability, features and comfort	20%
D. Availability and product delivery time	20%
E. Cost / fee proposal	20%

The selection committee will primarily be composed of City employees. On occasion, consultants may be invited to participate in the review.

Note that proposals that are received after the deadline or not conforming to the RFP requirements may be deemed non-responsive and eliminated. Each proposer bears sole responsibility for the items included or not included in the response submitted by that proposer.

All proposals in response to this RFP will be evaluated in a manner consistent with the Ogden City policies and procedures. Ogden City reserves the right to disqualify any proposal that includes significant deviations or exceptions to the terms, conditions and/or specifications in this RFP.

In the initial phase of the evaluation process, the selection committee will review all responsive proposals in a cursory manner to eliminate from further consideration proposals which in the judgment of the evaluation committee fail to offer sufficient and substantive provisions to warrant further consideration.

At the conclusion of this initial phase, finalist proposals will be selected for detailed review and evaluation.

Ogden City may require an in-person presentation by a proposer to supplement their written proposal.

Being selected and entering into an agreement does not guarantee the offeror will be extended any specific amount of work.

V. SUBMISSION OF PROPOSALS

By October 5, 2023; No later than 11 AM; proposers shall submit six (6) copies of the proposal in a sealed envelope.

On the envelope, indicate your company's name and the RFP name.

Submit to:

Ogden City Corporation
c/o 2nd Floor Information / Constable Desk
ATTN: Purchasing Office
“PPE RFP”
2549 Washington Blvd.
Ogden, UT 84401

LATE PROPOSALS WILL NOT BE ACCEPTED.

If the sealed proposal is submitted by mail or other delivery service, it must be received prior to the submission deadline.

The Proposal may also be hand-carried to the 2nd Floor Information / Constable Desk (west entrance of the building) at the same address.

No facsimile or email transmittals will be accepted.

It is the sole responsibility of those responding to this RFP to ensure that their submittal is made to the correct location and in compliance with the stated date and time.

City offices are closed on holidays.

VI. INSURANCE REQUIREMENTS

The successful proposer shall procure and maintain for the duration of the contract the required insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of this agreement. **The Contractor shall pay the cost of such insurance.**

a. The amount of insurance shall not be less than:

- i) Commercial General Liability: Minimum of \$4,000,000 in general aggregate with \$1,000,000 for each occurrence. Policy to include coverage for operations, contractual liability, personal injury liability, products/completed operations liability, broad-form property damage (if applicable) and independent contractor's liability (if applicable) written on an occurrence form.
 - ii) Business Automobile Liability: \$1,000,000 combined single limit per occurrence for bodily injury and property damage for owned, non-owned and hired autos.
 - iii) Workers' Compensation and Employer's Liability: Worker's Compensation limits as required by the Labor Code of the State of Utah and employer's liability with limits of \$1,000,000 per accident.
- b. Each insurance policy required by this Agreement shall contain the following clauses:
- i) "This insurance shall not be suspended, voided, canceled, reduced in coverage or in limits except after thirty days prior written notice by certified mail, return receipt requested, has been given to the Ogden City Corporation".
 - ii) "It is agreed that any insurance or self-insurance maintained by Ogden City Corporation, its elected or appointed officials, employees, agents and volunteers shall be excess of Contractor's insurance and shall not contribute with insurance provided by this policy."
- c. Each insurance policy required by this Agreement, excepting policies for Workers' Compensation, shall contain the following clause in a separate endorsement:
- i) "Ogden City Corporation, its elected and appointed officials, employees, volunteers and agents are to be named as additional insureds in respect to operations and activities of or on behalf of, the named insured as performed under Agreement with Ogden City Corporation."

- d. Insurance is to be placed with insurers acceptable to and approved by Ogden City Corporation. Contractor's insurer must be authorized to do business in Utah at the time the license is executed and throughout the time period the license is maintained, unless otherwise agreed to in writing by Ogden City Corporation. Failure to maintain or renew coverage or to provide evidence of renewal will be treated as a material breach of contract.
- e. City shall be furnished with original certificates of insurance and endorsements effecting coverage required within, signed by a person authorized by that insurer to bind coverage on its behalf. All certificates and endorsements are to be received by the City before work begins on the premises.
- f. City reserves the right to require complete, certified copies of all required insurance policies at any time.
- g. Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of the City, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respect to the City, their elected and appointed officials, employees, agents and volunteers; or Contractor shall provide a financial guarantee satisfactory to the City guaranteeing payment of losses and related investigations, claim administration and defense expenses.
- h. Contractor shall include all of its contractors as insured under its policies or shall furnish separate certificates and endorsements for each contractor. All coverages for Contractor's contractors shall be subject to all of the requirements stated herein.
- i. Nothing contained herein shall be construed as limiting in any way the extent to which Contractor may be held responsible for payments of damages to persons or property resulting from the activities of Contractor or its agents, employees, invitees or contractors upon the Premises during the License Period.

VII. GENERAL TERMS AND CONDITIONS

- A. Qualified respondents shall be Licensed Contractors in the State of Utah, for this type of work, and who meet Ogden City's insurance and bonding requirements, and have experience with all work defined in the scope of work.
- B. For projects that are security-sensitive in nature, Ogden City reserves the right to conduct a criminal background check of each person who will be providing services in response to this RFP. If requested, Contractor shall submit a BCI Criminal History Report dated within 30 days of response to RFP for each employee who will be on-site, that shows "Criminal History Verified" and has Arrest History attachments. Employees who have any convictions on their BCI record may be subject to further review and approval by Ogden City. Ogden City may reject any response to this RFP that involves services from a person or entity that Ogden City determines is unfit or unqualified to fulfill the requirements of this RFP.
- C. All work must meet current industry standards including all Federal, State and local rules and regulations.
- D. Ogden City reserves the right to request clarification of information submitted, and to request additional information from any proposer.
- E. Ogden City will make every effort to ensure all offerors are treated fairly and equally throughout the entire advertisement, review and selection process. The procedures established herein are designed to give all parties reasonable access to the same basic information.
- F. Cost of Developing Proposals - All costs related to the preparation of proposals and any related activities are the sole responsibility of the offeror. Ogden City assumes no liability for any costs incurred by offerors throughout the entire selection process.

- G. Proposal Ownership – Once submitted, all proposals, including attachments, supplementary materials, addenda, etc. become the property of Ogden City and will not be returned to the offeror.
- H. Conflict of Interest – No member, officer, or employee of Ogden City, during his or her tenure shall have any interest, direct or indirect, in this contract or the proceeds thereof, except as permitted by Ogden City policy.
- I. Non-Collusion – The offeror guarantees the proposal is not a product of collusion with any other offeror and no effort has been made to fix the proposal price or any offeror or to fix any overhead, profit or cost estimate of any proposal price.
- J. Award of Contract - The selection of the company will be made by a selection committee comprised of city employees. Ogden City reserves the right to negotiate and hold discussions with prospective service providers as necessary, however, Ogden City may award this contract without discussion of proposals received from prospective service providers.

The selected company shall enter into a written agreement with Ogden City.

Ogden City reserves the right to cancel this Request for Proposal.

Ogden City reserves the right to reject any or all proposals received. Furthermore, Ogden City shall have the right to waive any informality or technicality in proposals received, when in the best interest of Ogden City. Ogden City reserves the right to segment or reduce the scope of services and enter contracts with more than one vendor.

- K. Pursuant to the Utah Government Records Access and Management Act (GRAMA), records will be considered public after the contract is awarded. If an offeror wishes to protect any records, a request for business confidentiality may be submitted to the Ogden City Records Office at the time of bid submission. The form can be accessed through the Recorder's webpage at: <https://pr->

VIII. ADDITIONAL INFORMATION

Contract Period and Effective Date

The anticipated Contract term will be for the period of three (3) years. The anticipated effective date of the Contract is on or before January X 2024.

Bids shall remain firm from the date of award through January 1, 2026

Price Guarantee: All pricing must be guaranteed for a period of one (1) year.

Requests for price adjustment must include sufficient documentation supporting the request and demonstrating a logical mathematical link between the current price and the proposed price.

Option to Renew

The Customer reserves the right to renew the contract for two (2) additional one (1) year periods under the terms and conditions of the contract issued as the result of this RFP. The renewal is contingent on a mutual agreement between the Customer and the Vendor with such agreement to be confirmed at least 60 days prior to the expiration of the contract period. Either the Customer or the Vendor may decline to confirm the renewal of the contract for any reason whatsoever, which shall render the renewal option null and void.

The Customer's initial letter offering the Vendor an opportunity to renew the contract does not constitute an award of the option period. Any option acceptance must be confirmed by the customer, in writing, before it becomes valid.

Vendor shall indicate the maximum percentage to which the prices in effect at the end of the current contract year would be subject to increase if the renewal option is exercised. _____%.

If a renewal option price increase is requested, the Vendor must provide detailed supporting documentation to justify the requested increase.

Any adjustment or amendment to the contract will not be effective unless approved by Ogden City.

Reduction in Price

Price Reductions: It is understood and agreed that the City will be given the immediate benefit of any decrease in the market, or allowable discount.

Purchasing

Contractor will only be allowed to invoice for the cost of services / goods in compliance with the submitted proposal as accepted by Ogden City Corporation.

- A. Invoices must contain a complete description of the work / service / goods that was performed / provided, the contract price for each service, the City purchase order or contract number, and address of service location or delivery address.
- B. Upon the Award of Contract, Contractor may receive a request to process payments electronically.
- C. If offered by Contractor, Ogden City seeks a discount for early payment. The City shall only take such a discount if earned.
- D. Invoices shall be sent to the following address:

Ogden City Corporation
c/o [Fire Administration]
2186 Lincoln Ave

Ogden, Utah 84401

Or;

Email invoices to: [shelbywillis@ogdencity.com]

IX. GOVERNING INSTRUCTIONS

This RFP will constitute the governing document for submitting Proposals and will take precedent over any oral representations.

X. RFP SCHEDULE

Ogden City will follow the timetable below. Ogden City reserves the right to modify the dates due to unforeseen circumstances. Revision of dates, specifically the RFP response deadline will result in an RFP amendment. Amendments will be published in the City’s Purchasing webpage - <https://www.ogdencity.com/264/Purchasing>.

EVENT	TARGET DATE
Open RFP Process	September 8, 2023
1 st Ad – Standard Examiner	September 9, 2023
2 nd Ad - Standard Examiner	September 16, 2023
Last day for Q&A	September 28, 2023; No later than 3 PM
RFP Response Deadline	October 5, 2023; No later than 11 AM
Committee Review and Selection process	To Be Determined
Contract Start Date	To Be Determined- Post January 1, 2024

XI. CONTACT INFORMATION

For any questions related to this RFP, please contact the Ogden City Purchasing Office via email purchasing@ogdencity.com or at (801) 629-8742.

The question-and-answer period ends at 3 PM on September 28, 2023.

Please check the City's Purchasing webpage for any published Q&A document(s) that might have already addressed your questions or concerns - <https://www.ogdencity.com/264/Purchasing>.

Thank you for your interest in doing business with Ogden City.

EXHIBIT A

Intent of Specifications

This specification details design and materials criteria to afford protection to the firefighter against adverse environmental effects during firefighting activities. All protective clothing, provided as the result of this RFP, shall meet or exceed the most current and applicable editions of the NFPA Standards and OSHA regulations and meet the specifications provided by the Ogden City Fire Department.

These specifications shall cover only the general requirements as to the type of construction and capability of the clothing. Minor details of design, construction and materials that are not otherwise specified shall be left to the discretion of the Vendor who shall be solely responsible for the design and construction of all features. The clothing proposed by the Vendor shall meet the requirements of all applicable codes, regulations and /or standards as described herein.

Quality and Workmanship

At the time of bid, the clothing manufacturer shall have manufactured and supplied clothing of similar style and design as the clothing described in this specification.

The design of the clothing shall embody the latest approved practices. The workmanship shall be of the highest quality in its respective field.

The manufacturer of the protective coat and pant shall be certified to ISO Standard 9001. Successful bidder shall provide evidence of manufacturer's ISO 9001 certification with their bid.

The clothing shall be in accordance with all applicable federal, state and local codes or industry standards current at the commencement of the design, construction and delivery of the clothing.

Where more than one code or regulation is applicable, the more stringent code or regulation shall apply.

All components used in the construction of these garments shall be tested by Underwriters Laboratories (UL) for compliance with current and applicable NFPA Standards. UL shall certify and list compliance to that standard. Such certification shall be denoted by the Underwriters Laboratories certification label. Documentation confirming that the garments bid are certified and listed by UL shall be included with the VENDOR's bid package.

Items supplied under this contract shall be subject to the Customer's approval. Items found defective or not meeting bid specifications shall be picked up and replaced by the successful vendor at the next service date at no expense to the Customer. If any item(s) refused are not picked up within three (3) weeks after notification, the item will become a donation to the Customer.

Section 1: Specifications

Ogden City Fire Department PPE Garment(s) must meet the following specifications.

1. The outer shell must be composed of fibers that have superior performance to a xenon light test that replicates the extremes of exposure to UV and visible light.

Structural PPE Ensemble, (Ogden City Fire Department):

1. Requires structural jackets and pants to have a composite TPP rating greater than 40.
2. Requires structural jackets and pants to have a composite THL rating greater than 230.
3. Utilizes fabrics for the outer shell that maintains protection after thermal exposure consistent with the conditions found in a structural fire flashover. Specifically, the outer shell will have tensile strength of at least 80 lbs. after a 17.5 second NFPA TPP exposure of 2Cal/cm²/seconds.

4. Requires that the outer shell fabric must have superior performance for abrasion resistance and show no excessive wear upon visual inspections after 5,5000 cycles of Taber Abrasion Testing or a similar abrasion testing process. Please provide abrasion test documentation if available.
5. Requires that the outer shell fabric must have superior tear strength to resist tears from sharp edges and tearing hazards measured by a minimum score of 55 lbs. (Warp) and 50 lbs. (Fill) for initial testing and 50 lbs. (Warp) and 40 lbs. (Fill) after five launderings in accordance with NFPA 1971 test methods. No fabric slippage or filament pull through will be allowed.
6. Requires that the outer shell fabric must have tensile strength to resist breaking open, measured by a minimum score of 440 lbs. (Warp) and 420 Lbs. (Fill) for initial testing and 320 Lbs. (Warp) and 310 (Fill) after ten launderings in accordance with NFPA 1971 test methods.
7. Requires superior facecloth wickability to protect firefighters from potential burn injuries, reduce firefighter fatigue, and improve fire ground performance. Additionally, the OFD defines acceptable superior facecloth wickability performance as 10 seconds or less using the American Association of Textile Chemists and Colorists (AATCC) Test Method 79-2010; Absorbency of Textiles.
8. Requires a rating of 4 (Slight Pilling) or 5 (No Pilling) both before and after washing agitation.
9. Will use multiple layers (two layers) of spun lace technology to decrease the likelihood of compression burns. To achieve required protection, the OFD moisture barrier shall be constructed of bi-component ePTFE membrane technologies. The moisture barrier material shall meet all moisture barrier requirements of NFPA 1971-2013 edition, which includes water penetration, viral penetration resistance and common chemical penetration resistance.

The OFD requires a maximum evaporative resistance value of 36 m² Pa/W, in accordance with the Hohenstein scale, ideally with evaporative resistance values of less than 30 m² Pa/W.

The OFD moisture barrier laminate shall not show an increase of more than 2.0 m² Pa/W from its initial water-vapor resistance (Ret) after being exposed to an elevated temperature of 260°C (500° F) for 5 minutes when tested according to ISO 11092, Textile-Physiological-Measurements of thermal and water vapor resistance under steady-state conditions (sweating guarded-hotplate test).

The OFD requires a minimum result of 200 hours with no leakage according to ASTM D-751, Hydrostatic Resistance, Procedure B, Procedure 2.

The OFD requires the fluorescent yellow-green garment trim to maintain a minimum RA of 350 or greater when measured at 0.2 degree observation angle/5 degree entrance angle when determined in accordance with the procedure defined in ASTM E808-01 and E809-08.

Helmet

OFD Helmets must transmit a force to the wearer of less than 2200 Newtons during impact, maintain sufficient structural integrity to withstand impacts in all five test locations, have no penetration of the helmet during the Physical Penetration Resistance Test, and shall not leak more than 3.0 mA during the Electrical Insulation Test. Additionally, the helmet shell shall not separate from the suspension with 45 N applied, the chinstrap shall not break, nor stretch more than .8125" when tested in accordance with NFPA 1971, 2013 edition, sections 8.35 through 8.36, and shall not weigh more than 4.5 Lbs.

Footwear

OFD Footwear shall meet the following minimum criteria when tested as indicated in the body of this document: The temperature of the insole surface in contact with the foot nor the upper surface in contact with the skin shall not exceed 111° F. The temperature of the upper lining surface in contact with skin shall have a second-degree burn time of not less than 10.0 seconds and shall have a pain time of not less than 6.0 seconds. The

boot components shall not have an after flame of more than 5.0 seconds, shall not melt or drip, and shall not exhibit any burn through, and footwear shall not have any part of the footwear melt, separate, or ignite; shall show no water penetration; and shall have all components remain functional. The boot upper material shall allow no penetration of the test liquids for at least 1 hour, shall not have a complete cut through after a cut distance of more than .8 Inches, and shall not allow any puncture to the footwear upper after an average applied force of 13 LBF.

Additionally, the boot shall allow no penetration of the Phi-X-174 bacteriophage for at least 1 hour, shall have no current leakage in excess of 3.0 mA, and the footwear soles shall not lose greater than 200mm³ of their volume to shrinkage, and shall have a coefficient of friction of 0.40 or greater.

Gloves

OFD Gloves shall meet the following minimum criteria when tested as indicated in the body of this document: The glove body composites shall have an average TPP rating of greater than 55 and a second-degree burn time of not less than 10 seconds and shall have a pain time of not less than 6 seconds. The glove shall not melt, separate, or ignite; shall not shrink more than 20 percent in length or width; shall be donnable and flexible; and the glove lining shall not melt, separate, or ignite. The whole glove shall have the dry hand donning time not exceed 10 seconds, shall have the wet hand donning time not exceed 30 seconds, shall have no detachment of the inner liner, shall have no detachment of the moisture barrier, and shall allow full insertion of all digits. The whole gloves shall have an average percent of barehanded control not exceeding 220 percent, and not less than 80 percent. The glove body composites shall not be punctured under a force of at least 40 N. The glove moisture barrier shall have a minimum of burst strength of 20 lbs, show no leakage after 150 cycles, have burst strength of at least 10 psi for 2 minutes, and have a minimum of 5500 gm./m²/24 hours of breathability. 100% of finished gloves must pass the Whole Glove Leak test with air as specified.

Hoods

OFD Protective Hoods shall meet the following minimum criteria when tested as indicated in the body of this document: The hoods shall have an average TPP rating of not less than 25, not shrink more than 10 percent, and shall not melt, separate, or ignite. The blend of fibers making up the hood shall have a LOI rating of 28 or better, shall not exhibit shrinkage of more than 10 percent, and shall have the hood opening meet the requirements specified when new, and shall have burst strength of not less than 225N.

Vendors must list/show the TTP and THL for their Garment combinations that they are proposing.

Section 2: Sizing – Structural Coat and Pant

The sizing criteria shall conform to the requirements of the current revision of NFPA 1971 or its successor. The successful Vendor shall assist the Customer with the measuring of jackets and trousers by providing sizing samples and/or technical advice. Assistance shall be within 10 business days of request or as otherwise agreed.

The jacket shall be available in male and female patterns in even size chest measurements of two-inch increments and shall range from a small size of 30 to a large size of 60. Alpha sizing or generalized sizing, such as small, medium, large, short, regular, long etc., shall not be permitted.

The trousers shall be available in male and female patterns in even size waist measurements of two-inch increments and shall be available in a range of sizes from 24 to 56. The trouser inseam measurement shall be available in two-inch increments. Alpha sizing or generalized sizing, such as small, medium, large, short, regular, long etc., shall not be permitted.

Section 3: Modular Design

The protective Coat and Pant shall be of modular design, so thermal barrier/moisture barrier assemblies and outer shells of the same size are interchangeable, allowing a barrier assembly or outer shell to be replaced without replacing the entire garment.

Radio Pocket

Each jacket shall have a pocket designed for the storage of a portable radio. This pocket shall be of box type construction; double stitched to the coat and shall have one drainage eyelet in the bottom of the pocket. The radio pocket shall accommodate the size of current radios used by agency or its successor and shall be installed on the right or left chest based on the customer's preference.

Microphone Strap

The coat shall have a microphone strap, measuring approximately 1" x 3". The mic strap shall be constructed to hold a microphone for a portable radio. It shall be sewn to the coat at the ends only and positioned 4" above each of the radio pockets. The microphone strap shall be constructed of double layer outer shell material.

American Flag

The coat shall have an embroidered American flag, made with Nomex thread. The placement and location of the American Flag will follow the protocol of the United States Military, which is to be sewn to the upper right sleeve.

Retro-Reflective Fluorescent Trim

The retroreflective fluorescent trim shall be lime/yellow 3M Scotchlite™ Comfort Trim. Each jacket shall have an adequate amount of retroreflective fluorescent trim affixed to the outside of the outer shell to meet the requirements of NFPA #1971 and OSHA. The trim shall be in the following widths and shall be 3 inch wide stripes - around the bottom of the jacket within approximately 1 inch of the hem, around the back and chest area approximately 3 inches below the armpit, around each sleeve below the elbow, around each sleeve above the elbow.

Flashlight Holder

A flashlight holder for a Streamlight Survivor light sewn to backing patch of outer shell material is to be attached to right breast area of coat. The system shall have a hanger tab and then a surrounding Velcro piece of outer shell material to secure light body to chest area.

Jacket Lettering

Each jacket shall be lettered with up to thirteen (13) 3" or 2" lime yellow Scotchlite lettering first sewn to a removable patch that attaches to the outer shell coat. Lettering and placement as specified by the CUSTOMER at the time of the order.

Belt

Belt Loops (6) – 1" wide by 4" wide, shell material belt loops shall be evenly spaced and bar tacked to the shell around the waist to accommodate a belt for the pants.

A belt made of 2" wide KEVLAR webbing, sized to fit each pair of pants, shall be included with each pant. The belt shall be secured by a quick release thermoplastic coupling and shall be fully adjustable.

Expansion (Bellows) Pockets

An expansion pocket, measuring approximately 2" deep by 10" wide by 10" high shall be double stitched to the side of each leg straddling the out seam above the knee and positioned to provide accessibility. The lower half of each expansion pocket shall be reinforced with an additional layer of Kevlar twill material on the inside. Two rust resistant metal drain eyelets shall be installed on the underside of each expansion pocket to facilitate drainage of water. (Or comparable quality).

Knee Reinforcements

The knee area shall be reinforced with an extra layer of a heat resistant aramid reinforced polymer material. The knee reinforcement shall be slightly offset to the inside of the leg to insure proper coverage when bending, kneeling and crawling. The knee

reinforcements shall measure 10" W x 12" H and shall be double stitched to the outside of the outer shell in the knee area for greater strength and abrasion resistance. (Or comparable quality).

Padding Under Knee Reinforcements

Each pant will have a padded reinforced knee patch. The padding shall be sewn to the exterior of the outer shell with a reinforcement material patch. The padding shall increase thermal protection and provide for increased comfort in the knee area. The knee reinforcement patch shall be 10" x 8". The reinforcement material shall consist of a heat resistant aramid reinforced polymer. (Or comparable quality).

Retro-Reflective Fluorescent Trim

The trousers shall have a stripe of retro-reflective fluorescent trim encircling each leg below the knee to comply with the requirements of NFPA #1971 (2007 revision) in 3-inch lime/yellow 3M Scotchlite™ Comfort Trim (L/Y borders with silver center).

Reinforced Trim Stitching

Trim shall be secured to the shell with four rows of lock stitching. Or comparable quality.

Coat and Pant Options

The VENDOR shall provide a cost for options / upgrades to the equipment specified above.

The pricing shall be separated and individually broken out from the main bid.

The CUSTOMER may elect to add any and/or all of the following options based on cost, priority and availability of funding:

- **Suspenders & Attachment:** Additional suspenders and attachments for replacements as needed.
- **Enhanced Knee Padding**
- **Pocket configuration**

Protective Hood

The protective hood shall be available in multiple lengths. The VENDOR shall provide a bid for each length and material.

Helmet Specifications

The VENDOR shall provide detailed specifications and a bid on a minimum of three different modern and traditional style helmets for structural firefighting. Minimum specifications for the helmets are as follows:

Shell

The shell shall consist of a composite material consisting of a high-temperature-, flame and chip-resistant, “through-colored” thermoset resin, reinforced with 1” and 2” chopped fiberglass, which is compression molded to form a one piece shell. The “through-colored” thermoset resin is pigmented to match the color of the paint.

The exterior of the molded shell shall be of a matte finish and not painted. The shell color and matched paint finish shall be available in the standard colors of white, red, black, and yellow.

The shell shall have black (white shall be used on white helmets) high-temperature, flame-resistant, flexible edge trim composed of an aluminum-cored, thermoplastic rubber (TPR). The edge-trim shall be secured around the entire brim of the helmet by crimping the aluminum core, and secured at the mating ends with a high temperature adhesive and clamped by the helmet hanger clip at the edge of the rear brim.

The shell shall have a helmet hanger comprised of a 3/4”, nickel plated “D” ring and a stainless steel clip. The helmet hanger shall be attached to the center rear of the brim.

Sizing Adjustment

The size of the headband shall be adjusted to fit the wearer’s head by means of a ratchet adjustment system. The headband shall have a head size range of 6-3/8 to 8-3/8, adjustable in 1/8 increments. The head band shall be attached to the sides of the

impact cap liner by four (4) flexible retention tabs. The rear ratchet arms shall have three (3) adjustable positions so that the angle of the ratchet may be set to accommodate the nape of the wearer's head.

Glove Specifications

The VENDOR shall provide detailed specifications and a bid on a MINIMUM of three different models of high-quality structural firefighting protective gloves. All gloves shall be specifically designed and constructed for structural firefighting activities and be manufactured of material designed sharp objects and other hazards that are encountered during structural firefighting to withstand the effects of flame, heat, vapor, hazardous liquids, operations.

Sizing

Gloves shall be available for males in a minimum of 5 sizes and females in a minimum of 2 sizes (small/extra small).

Protective Boot Specifications

The VENDOR shall provide detailed specifications and a bid on a MINIMUM of three different high quality structural firefighting protective boots to include the following:

Rubber, insulated bunker style structural firefighting safety footwear with lug sole; and Leather bunker style (14") structural firefighting safety footwear with oblique safety toe footwear with Vibram ® FIRE sole.

Section 4: Delivery

Jackets and trousers manufactured to this specification and not in stock at the VENDORS local office, shall be shipped to the CUSTOMER within 120 days of receiving the order.

It is the responsibility of the VENDOR to ensure all clothing is available for pick-up in the State of Utah, preferably, Northern Utah, or delivered to the appropriate CUSTOMER. The VENDOR shall pay ALL freight and delivery charges.

Inspection of the equipment to assure that it meets the specifications of the bid shall be the responsibility of the CUSTOMER.

Section 5: Warranty

Manufacturer shall warrant the items to be free from defects in materials, and workmanship for the serviceable life of the product, when properly used and cared for.

Manufacturer shall provide a written statement, with each item, defining the conditions of the warranty.

The vendor will be responsible for all transportation costs incurred during the warranty period.

The Vendor shall supply, as a part of their bid package, a copy of the warranty or warranties they propose to provide.