



INVITATION TO BID

(This is not an order.)

CITY OF CLEVELAND

Division of Purchases & Supplies
 601 Lakeside Avenue
 Room 128
 Cleveland, OH 44114

Buyer: Jules Gilliam
 216-664-2621
 jgilliam@city.cleveland.oh.us

Requestor: Jacqueline Rose
 216-664-6837
 jrose@city.cleveland.oh.us

| Procurement Folder | RFB No. | RFB Description | |
|-----------------------|--------------------------|--|------------------------------|
| 146083 | RFB 6003 202400000000256 | 1044 Defender Cairns Helmet - May 2024 - Rebid | |
| RFB Closing Date/Time | | Department/Division | Public Bid Opening Date/Time |
| May 23, 2024 3:00 PM | | 6003 | May 23, 2024 3:00 PM |

SCHEDULE OF EVENTS

| Event Description | | | Event Date | |
|-------------------|--|-------------------|---------------|------------------|
| Group/Line# | Commodity Description | Item Quantity/UOM | Service Dates | Catalog Discount |
| 1 / 1 | 1044 Defender Cairns Helmet - May 2024 - Rebid | 40.00000 / EA | | |

*****The Bid Must Be Submitted to: CityofClevelandbids@Clevelandohio.Gov - ONLY*****

*****Please See Attachments for Additional Details & Specifications*****

| Ship To: | | Vendor Response | | |
|---|-------------------------------|----------------------------------|------------------------|----------------------|
| Safety Fire Storeroom Safety Fire Storeroom 1645 Superior Ave. Cleveland, OH 44114 | | Unit Price | Extension | Delivery Days |
| | | \$ | \$ | Day(s) |
| Vendor Response | Vendor Total Amount for Items | Vendor Total Amount for Services | Payment Discount Offer | |
| | \$ | \$ | % | Day(s) |

TERMS OF DELIVERY

- Price quoted shall be F.O.B. delivered to the place designated on purchase order. No other terms will be acceptable.
- Delivery quoted must be stated in terms of work days after receipt of the order.
- All charges for shipping must be included within the Unit Price for each item quote unless otherwise designated by a separate line with a specified dollar amount inclusive of all shipping charges.
- No freight charges will be considered nor processed for payment unless apart of the original quote submitted prior to bid award.

EVALUATION CRITERIA

| Group/Line # | Evaluation Criteria Description | Response Type |
|--------------|---|---------------|
| 1 / 1 | Lowest and best bidder under Chapter 181 C.O. | NONE |

BIDDER AGREES TO COMPLY WITH ALL TERMS AND CONDITIONS BELOW AND ON REVERSE SIDE OF THIS BID

Shipping/Freight Charges

ALL CHARGES FOR SHIPPING MUST BE INCLUDED WITHIN THE UNIT PRICE OF EACH QUOTE UNLESS OTHERWISE DESIGNATED BY A SEPARATE LINE ITEM WITH A SPECIFIED DOLLAR AMOUNT INCLUSIVE OF ALL SHIPPING CHARGES.

NO FREIGHT CHARGES WILL BE CONSIDERED NOR PROCESSED FOR PAYMENT UNLESS APART OF THE ORIGINAL QUOTE SUBMITTED PRIOR TO BID AWARD.



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Call Buyer Only

Bidders must address all questions to the Buyer (See Above.) Do NOT contact the "Requestor." Contract only the Buyer listed above.

MSDS required

A Material Safety Data Sheet is required to be shipped with each specific applicable item on this PO.

No Price increase

This Purchase Order does not permit price increases.

Missing information

It is each bidder's individual responsibility to determine for themselves, in advance of bid submission, the accuracy and completeness of any and all information in an RFB. If a potential bidder does not notify the Division of Purchases and Supplies in advance of the bid opening date of any possible discrepancy then any such discrepancy or erratum cannot be the basis for a protest of award. Contact the Buyer immediately if there is a question of accuracy or completeness in these bid documents.

BIDDER MUST COMPLETE & SIGN BELOW

NAME OF THE FIRM:

STREET ADDRESS:

CITY: STATE: ZIP CODE:

FED ID # / SSN #:

PHONE NO.: FAX NO.:

EMAIL ADDRESS:

PLEASE PRINT CONTACT NAME:

AUTHORIZED SIGNATURE: DATE:

All bids and related documents must be enclosed in a sealed envelope and marked with the RFB number.

RETURN BID TO: Division of Purchases & Supplies
601 Lakeside Ave
Room 128, City Hall
Cleveland, OH 44114

Effective Immediately: In accordance with Codified Ordinance 181.13 (I) the City shall receive competitive sealed bids through email. All City of Cleveland bids estimated to be less than 50K in value will be submitted and received electronically via email. All bids must be emailed to CityofClevelandbids@clevelandohio.gov. Upon receipt of your bid, you will receive a reply indicating your bid has been received.

Bidder's Instructions

See enclosed Terms & Conditions. Read and follow all terms and conditions of the bid.

Bids must be submitted to CityofClevelandbids@clevelandohio.gov, the Document ID Number and Buyer's Name must be identified in the email subject line. Also clearly state the Document ID Number, Bid Description, Buyer's Name and Closing Date.

Bids received after the Closing Date, Closing Time and sent to any other email address not identified in the Bidders Instruction cannot be considered.

Northern Ireland Affidavit must be completed, signed and included with each bid.

The bid must be submitted to: CityofClevelandbids@Clevelandohio.Gov

Bids received after the Closing Date, Closing Time and sent to any other email address not identified in the Bidders Instruction cannot be considered.

The bid documents must include:

- The Document ID Number and Buyers Name in email subject line
- PDF File of Request For Bid Form
- Terms & Conditions.
- Northern Ireland Affidavit.

Contact the Buyer immediately at the number on the Bid Form if you do not have all the required documents.

TERMS AND CONDITIONS

1. **Acceptance of Purchase Order.** This Purchase Order shall be effective when Seller executes it, otherwise indicates its acceptance, or delivers to the City of Cleveland any of the goods ordered herein or renders for the City any of the services ordered herein. If this Purchase Order has been issued by the City in response to an offer, then the issuance of this Purchase Order by the City shall constitute an acceptance of such offer subject to the express condition that the Seller assent to any additional or different terms contained herein. Any additional or different terms or conditions contained in any acknowledgement of the purchase by the Seller shall automatically be deemed objected to by the City and shall not be binding upon the City unless specifically accepted by the City in writing.
2. **Entire Agreement.** This order, the instructions to bidders, the Request for Bid, the Bid Schedule of Items, and any specification and/or other attachments, if any, incorporated hereby by reference, constitute the entire agreement between the parties and replaces and supersedes any prior or contemporaneous communications, representations, or agreements, whether oral or written with respect to such matter.
3. **Indemnification.** Seller shall indemnify, defend, and hold harmless the City, its officers, agents, and employees from all claims, demands, liabilities, losses, suits, cause of action, judgments, costs, and expenses, including attorneys' fees, arising, occurring, or allegedly arising or occurring from the personal injury, including death, property damage, including loss of use, or otherwise, to any person or the property of any person, including third parties and employees of any party, as a result of negligent or intentional act or omission of Seller or its agents, employees, subSellers or suppliers, in the furnishing of the goods covered by this PO, or because of any imperfection or defect in said goods, or based upon any claim of product liability of strict liability in tort, or because of the failure of such goods to be in accordance with the description of such goods as may appear in any catalog, analytical information report or other technical bulletin as is furnished or used by the City, or because of the failure of such goods to be produced in compliance with the requirements of this PO.
4. **Limit of Liability.** In no event shall the City be liable for anticipated profits, incidental or consequential damages, or penalties of any description. The City's liability on any claim arising out of or connected with or resulting from this contract or from the performance or breach thereof shall in no case exceed the price allocable to the goods or services or unit thereof which gives rise to the claim.
5. **Remedies.** The city's remedies shall be cumulative and remedies herein specified do not exclude any remedies allowed by law or in equity. Waiver of any breach shall not constitute waiver of any other breach of the same or any other provision. Acceptance of any items or payment therefore shall not waive any breach.
6. **Default.** Payment or acceptance of any items after the delivery date shall not constitute a waiver of the City's right to cancel this order with respect to subsequent deliveries. The City reserves the right to reasonable testing and inspection before payment or acceptance. The City's failure to inspect and accept or reject goods, materials, or articles shall not relieve Seller from liability for tender or delivery of nonconforming goods nor constitute a waiver of any of the City's rights or remedies for breach of contract. The City reserves the right to reject any or all items not in conformity with the specifications noted within this purchase order in any respect.
7. **F.O.B. Destination.** Freight terms are F.O.B. Destination, Freight Prepaid, unless otherwise approved in writing by the Commissioner of Purchases and Supplies.
8. **Non-Assignment.** Neither this contract, nor any interest herein, shall be assigned or subcontracted by the Seller except upon the prior written consent of the City.
9. **Patent, Trademark or Copyright Infringement.** Seller agrees to defend, entirely at its own expense, all claims, demands, and actions that may be asserted against the City for all alleged patent, trademark, and/or copyright infringement resulting from the use or resale of goods covered by the PO, and to indemnify and hold the City harmless against all costs, expenses, legal fees, and judgments related to such claims, demands, and actions.
10. **Timing.** Time is of the essence in this contract. Failure to deliver within the time specified shall entitle the City, in addition to any other rights or remedies, to cancel this order and purchase the goods elsewhere, in which event the Seller shall be responsible for any increase in cost.
11. **Implied Warranty.** In addition to its standard warranty, Seller warrants that all goods supplied will be free and clear of all liens and encumbrances, good and merchantable title being in the Seller. Upon receipt by Seller of payment, good and merchantable title will vest in the City. All goods will be free from any defects in design, materials or workmanship and will be of good and merchantable quality. All goods will conform to the City's specifications or the approved sample as the case may be, and will be fit for the known purposes for which purchased, and that Seller will not substitute anything without the City's written consent.
12. **Change Orders.** No changes in the PO, its prices, terms, conditions, length, or attachments are permitted, without the City's prior written approval.
13. **Cancellation.** The City shall have the right to cancel this order, or any undelivered portion of this order, without cause, and its liability for such cancellation shall be limited to Seller's actual cost for work and materials applicable solely to this order that have been expected when Seller receives notice of cancellation. The City may, at its option, cancel this order without liability to Seller (except for conforming shipments the City previously accepted) if Seller (a) ceases to exist, (b) becomes insolvent, (c) becomes the subject of bankruptcy or insolvency proceedings, or (d) commits a breach in the performance of any obligation under this agreement or of any other written agreement with the City of Cleveland.
14. **Compliance with Laws.** Seller shall comply with all federal, state, and local laws, ordinances, rules, and regulations in the manufacture and sale of the goods and performance of the services. Seller shall defend and hold the City harmless from any losses, damages, or costs arising from or caused in any way by Seller's actual or alleged violation of any federal, state, or local law, ordinance, rule or regulation.
15. **Access to Records.** Seller shall provide access to pertinent records relative to this contract/order for a period of three (3) years after the last receipt of payment is made under this contract/order, whichever occurs last.
16. **Material Safety Data Sheets:** Any substance delivered as a part of this order must be properly labeled in accordance with all applicable regulations and must be accompanied by a Material Safety Data sheet (MSDS).
17. **Venue.** Any dispute arising under this order not disposed of by agreement shall be decided by a court of competent jurisdiction in Cuyahoga County in the State of Ohio. Pending settlement on final decision of any dispute, Seller shall proceed diligently with the performance of this order in accordance with the City's direction. The Charter and Ordinance of the City of Cleveland shall govern.
18. **Tax.** Buyer is exempt from Federal and State taxes for tangible personal property. Sellers doing business with the Buyer may not be exempt from paying sales tax to their suppliers for materials to fulfill contractual obligations with the Buyer, nor shall any Seller be authorized to use the Buyer's Tax Exemption number in acquiring such materials, without the prior issuance of a signed Tax Exemption Certificate. A Tax Exemption Certificate is available upon written request.
19. **Documentation.** Seller shall clearly mark all documentation with the applicable valid PO number.
20. **Payment Terms.** Payment will be made in accordance with the terms on the face of this contract, or the Seller's invoice, whichever are more favorable to the City and payment date therefore shall be calculated from the receipt of invoice or receipt or final acceptance of the goods or services, whichever is later. All claims for money due or to become due from the City shall be subject to deduction or setoff by the City by reason of any counterclaim arising out of this or any other transaction with the Seller. The acceptance by the Seller of final payment shall operate as a full and complete release of the City. No payment for goods or services shall constitute acceptance of any defective or nonconforming goods or services by the city. Unless otherwise stated in the PO, the terms of payment shall be net 30 days from the receipt of a proper invoice. It shall be understood that the cash discount period, if any, to the City will date from receipt by the City of acceptable goods and invoice and not from date of invoice.
21. **Insurance.** Unless otherwise stated in the specifications, whenever labor is involved, the Seller shall procure and maintain insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the services, materials, equipment and/or supplies provided to the City. The insurer(s) must be licensed for business in the State of Ohio and maintain an A.M.Best rating of no less than A: VII or be an insurer approved by the City. The Seller shall submit all required insurance certificates to the City before commencing work. The City is to be added to each policy as an additional insured. The Seller shall notify the City in writing at least 30 days before it cancels or reduces its insurance policy or coverage and immediately upon the Company's receipt of notice from the carrier of any cancellation or reduction of the coverage or policy. Seller must demonstrate the following minimum insurance coverage in accordance with the estimated value limits: 1) **Purchases less than \$50,000:** General Liability Insurance, with a \$500,000 combined single limit. 2) **Purchases \$50,000 and over:** General Liability Insurance with bodily injury and property damage limits of \$1,000,000 for each occurrence with a \$2,000,000 general aggregate and \$2,000,000 products and completed operations aggregate. Automobile Liability Insurance must be in effect for any owned, hired and non-owned vehicle used in the performance of the work, with bodily injury limits of \$1,000,000 for each person and \$1,000,000 for each accident, and with property damage limits of \$1,000,000 for each accident; OR \$1,000,000 combined single limits, including bodily injury and property damage. The above limits are the minimum acceptable and do not infer or place a limit on the liability of the Seller. The Seller's insurance shall be primary and any insurance or self-insurance maintained by the City shall be excess for the City and not contribute with the coverage maintained by the Seller.
22. **Workman's Compensation:** Whenever labor is involved, the Seller shall subscribe to and comply with the Workmen's Compensation Laws of the State of Ohio and pay such premiums as may be required there under and to save the City harmless from any and all liability arising from or under said act. He shall also furnish a copy of the official certificate or receipt showing the payments herein referred to before commencing any work.
23. **Authority to Bind.** All parties to this order agrees that the representatives named herein, including in all attachments, possess full and complete authority to bind said parties.
24. **Inspection and Acceptance.** No material received by the City pursuant to the purchase order issued under the terms and conditions of this bid document shall be deemed accepted until the City has had reasonable opportunity to inspect said material. All material which is discovered to be defective or which does not conform to any warranty of the Seller herein, upon initial inspection, or at any later time if the defects contained in the material were not reasonably ascertainable upon the initial inspection, may be returned at the Seller's expense for full credit or replacement. No goods returned as defective shall be replaced without written authorization from the Commissioner of Purchases and Supplies. Such return shall in no way affect the City's discount privileges. Such right to return, offered to the City arising from the City's receipt of defective goods, shall not exclude any other legal, equitable or contractual remedies the City may have therefore.
25. **Non-appropriation of Funds.** As with any other public entity, an Agreement, Contract, or issuance of Purchase Order by the City is contingent upon the legal availability of funding and the allocation of said funds. The City reserves the right to cancel any ongoing Agreement, Contract, or Purchase Order immediately, by giving written notice to the Seller, in the case of a failure by the appropriating body to appropriate funds or funding for the specific project, commodity or service.
26. **Equal Opportunity.** This Agreement is a "contract", and the Seller is a "contractor" within the meaning of Chapter 187 of the Codified Ordinances of Cleveland, Ohio 1976. During the term of this Purchase Order, the Seller shall comply with all terms, conditions and requirements imposed on a "contractor" in the Equal Opportunity Clause, Section 187.22(b) C.O., and herein made a part of this Agreement by reference. A complete copy of the Equal Opportunity Clause is available at the City of Cleveland website.

Subject: Submission of NORTHERN IRELAND FAIR EMPLOYMENT PRACTICES DISCLOSURE

Each bidder and/or appropriate parties should complete the DISCLOSURE and submit it with the bid, if possible. If not submitted with the bid, it must be completed and submitted to the Commissioner of Purchases and Supplies prior to any contract being awarded by the City. If a bidder or appropriate parties fail to complete and submit it, they shall not be eligible for a contract award.

NORTHERN IRELAND FAIR EMPLOYMENT PRACTICES DISCLOSURE

INSTRUCTIONS: Pursuant to Codified Ordinance Sec. 181.36, the information requested on this page must be supplied by all Contractors and any Subcontractors having more than a fifty percent (50%) interest in the proposed contract prior to any contract being awarded by the City of Cleveland. Any Contractor or Subcontractor who is deemed to have made a false statement shall be declared to have acted in default of its contract and shall be subject to the remedies for default contained in its contract. For failure to cure such a default, the Contractor or Subcontractor shall be automatically excluded from bidding for the supply of any goods or services for use by the City for a period of two years.

CHECK WHICHEVER IS APPLICABLE:

A. () The undersigned or any controlling shareholder,* subsidiary, or parent corporation of the undersigned is NOT ENGAGED IN ANY BUSINESS OR TRADING FOR PROFIT IN NORTHERN IRELAND. (If paragraph A. is checked, proceed to the signature line.)

B. () The undersigned or any controlling shareholder,* subsidiary, or parent corporation IS ENGAGED IN ANY BUSINESS OR TRADING FOR PROFIT IN NORTHERN IRELAND. (If paragraph B. is checked, please either check the stipulation contained in paragraph C. or attach documentation that shows that the undersigned has complied with the stipulation contained in paragraph C.

C. () The undersigned and all enterprises identified in paragraph B. are TAKING LAWFUL AND GOOD FAITH STEPS TO ENGAGE IN FAIR EMPLOYMENT PRACTICES WHICH ARE RELEVANT TO THE STANDARDS EMBODIED IN THE "MacBRIDE PRINCIPALS FOR FAIR EMPLOYMENT IN NORTHERN IRELAND." A copy of the MacBride Principles can be obtained from the Office of the Commissioner of Purchases and Supplies. In lieu of checking this paragraph, the undersigned must attach documentation which the undersigned believes shows compliance with the stipulation contained in this paragraph C.

Name of Contractor or Subcontractor
By: _____
Title: _____

*"Controlling shareholder" means any shareholder owning more than fifty percent (50%) of the stock in the corporation or more than twenty-five percent (25%) of the stock in the corporation if no other shareholder owns a larger share of stock in the corporation.

CAIRNS 1044 Traditional Fire Helmet Specifications

QTY 40 BLACK UNIT PRICE: \$ _____/EACH

TOTAL COST: \$ _____

PART NUMBER 71B2A1221A000

Product Type

Structural Firefighting Helmet

Product Model(s)

MSA Cairns® 1044 Traditional Fire Helmet

Purpose

To supply a uniform, standard product specification for a fiberglass composite structural fire helmet.

Scope

The scope of this product specification encompasses the performance criteria, design, construction, and materials deemed necessary for helmets utilized for structural firefighting.

General

Helmets manufactured in accordance with this specification are designed to mitigate adverse environmental effects to the firefighter's head while providing the specifying authority with what are, in their opinion, essential requirements.

Performance Criteria/Standards

MSA Cairns 1010/1044 Traditional Fire Helmets shall meet the requirements of NFPA 1971:2018 (or the current edition) for structural firefighting and proximity firefighting when that option is selected; US-OSHA 1910.156, and CAL-OSHA. All eye/face protection sold as part of the original helmet assembly shall be compliant with the impact requirements of the current editions of ANSI/ISEA Z87.1 and NFPA 1971.

CAIRNS 1044 Traditional Fire Helmet Specifications

Performance Verification Data Requirement

Response to this specification shall include a complete and current edition of NFPA 1971, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, including a test report from a recognized, accredited test facility detailing all performance data for the helmet(s), and compliant helmet components included in the original assembly. Certificates of conformance and/or letters of certification alone shall not be acceptable. Component testing is not acceptable. Certification testing is conducted every year to a random lot size, as per NFPA requirements.

Manufacturer's Warranty

MSA warrants MSA Cairns® Fire Helmets to be free from defects in materials and/or faulty workmanship for a period of ten (10) years from the date of manufacture by MSA. For warranty details, please see 10-Year Warranty and Terms of Sale (ID 3600-72-MC). All warranty documents can be found on the MSA website (MSAsafety.com).

Helmet Shell

MSA Cairns 1010/1044 Traditional Fire Helmets shall have a classic American Fire Service style helmet shell, comprising a crown, with four (4) major ribs (front, back, left and right sides), and four minor ribs equidistant between each major rib, and a brim that has a short front visor continuing around the sides to a large rear watershed area. The upper surface of the watershed shall have a textured finish with ivy scroll on the back of the watershed brim. The underside of the brim shall have drill guides for the various eye/face protection that can be attached to the shell. The shell material shall be a fiberglass composite, consisting of a high-temperature-, flame-, and chipresistant "through-colored" thermoset resin, reinforced with 1" and 2" chopped fiberglass, compressionmolded to form a one-piece shell.

Helmet Shell Colors

The shell shall be available in white, red, black, and yellow with an unpainted, matte finish.

CAIRNS 1044 Traditional Fire Helmet Specifications

The shell shall have black or white, high-temperature, flame-resistant, flexible edge trim made of thermoplastic rubber (TPR) with an aluminum core. The edge trim is secured around the entire brim of the helmet by crimping the aluminum core. The edge-trim is secured at the mating ends and clamped by the stainless steel helmet hanger clip, with integrated barbs, at the edge of the rear brim.

The shell shall have a helmet hanger comprised of a stainless steel helmet hanger and a stainless steel wire formed loop. The helmet hanger shall be attached to the center rear of the brim by a brass rivet.

Shell Dimensions

The shell dimensions (with edge-trim) shall be 15.5" in length, 11.88" in width and a crown depth of 6.5". The shell shall have a nominal wall thickness of 0.065" in the crown and 0.080" in the brim.

Front Holder

The helmet shell shall be furnished with a crushable brass front-piece holder designed to absorb impact that shall be attached to the main rib on the shell front, and positioned to capture the top of standard 6-inch fire department identification shields (i.e., leather front piece).

The front holder shall be a carved brass eagle, silk-screened brass eagle.

The shell shall have a thermoplastic, front-piece dovetail mounting bracket affixed to the front center of the shell with a single screw attachment. The bracket shall provide for positioning and retention of 6-inch front pieces.

Impact Cap Assembly

The impact cap is designed to help provide increased thermal and impact protection. The impact cap shall be an impact-resistant polymer liner covered by a rigid cell, high temperature, energy absorbing urethane foam cap that covers the entire inner crown of the helmet. This impact cap is held into the helmet shell by the Shell Release tabs and corresponding brackets. It is removable for inspection and replacement.

CAIRNS 1044 Traditional Fire Helmet Specifications

Helmet Suspension

MSA Cairns 1010/1044 Traditional Fire Helmet shall consist of a six-way head suspension system, attached to the impact cap. The head suspension system comprises three (3) fixed 0.75" wide nylon straps mounted at six points on the impact liner and fastened at their intersection to form the 6-way overhead strap assembly. The straps are attached to the impact cap by means of a rigid plastic clip that locks the straps into the lugs of the impact cap liner. A cloverleaf crown pad shall be incorporated into the overhead strap assembly

Shell Release System

The impact energy-absorption system, complete with suspension system and chinstrap assembly (as described under "Chinstraps") shall be retained to the helmet shell by means of two (2) thermoplastic shell release tabs. This design will enable the energy-absorption system to be released from the helmet shell when impacted from below the brim and leaving the energy-absorption assembly on the wearer's head for continued, limited, thermal, and impact protection.

Sizing Adjustment

The size of the headband may be adjusted to fit the wearer's head by means of a ratchet adjustment system. The headband is attached to the sides of the impact cap liner by five (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. The headband height shall have three (3) adjustable positions to provide additional comfort to the wearer and maximize compatibility with the SCBA face piece.

The headband and energy-absorption system shall fully accommodate a head size range of 6 3/8" to 8 3/4", adjustable in 1/8-inch increments.

CAIRNS 1044 Traditional Fire Helmet Specifications

Comfort Liner

MSA Cairns 1010/1044 Traditional Fire Helmet shall have a removable comfort liner, consisting of a headband cushion and a ratchet pad. Both components made of a foam-core laminate system, comprised of a soft black flame-resistant flannel material against the user's head backed by a soft loop material secured to the headband and ratchet with hook fastener. The comfort liner is machine-washable. It can easily be upgraded to a standard flannel or deluxe leather-lined version.

Chinstraps

The chinstrap shall be constructed of three (3) pieces (or sections) of 3/4-inch wide, spun-Nomex webbing, which are connected by a high-temperature, durable thermoplastic Quick-Release (QR) buckle on the left side of the helmet, and by an optional cast zinc postman slide buckle on the right side of the helmet. The middle section shall be a minimum of 23 inches in length and the total length of the chinstrap shall be

35 inches at full extension, end to end. All chinstraps are removable and washable.

Ear/Neck Protection

MSA Cairns 1010/1044 Traditional Fire Helmet provides ear and neck protection with a 7.25" wide, 19" long, full-cut ear flap with an expanded opening at the neck, making the ratchet adjustment easily accessible. The triple-layer ear flap consists of a 4.5 oz. / yd., yellow or black colored Nomex outer layer, and two flame resistant black flannel inner layers. The ear flap shall be secured via two (2) Velcro tabs at either end of the top of the ear flap and one continuous length of Velcro along the top edge of the ear flap. The ear flap is machine washable and can be easily upgraded to a PBI/Kevlar or Bloodborne Pathogen ear flap. The ear and neck protector shall be removable without interfering with the overhead strap assembly in any way and without removing any part of the helmet suspension. All versions shall also be available with under chin extensions.

CAIRNS 1044 Traditional Fire Helmet Specifications

Retro-Reflective Trim

The MSA Cairns® 1044 Traditional Fire Helmet shall have eight (8) tetrahedron shaped pieces of retro-reflective trim around the exterior crown of the helmet shell for maximum visibility.

- Color for Reflexite : Lime-Yellow.

Eye Protection

Defender® Integrated and Articulating Visor (internal) - Clear

The MSA Cairns® 1044 Traditional Fire Helmet shall have an integral visor that retracts between the helmet shell and impact cap. The visor shall be a wrap-around design meeting the minimum performance requirements set forth by NFPA 1971, latest revision. The lens, once deployed, shall be capable of articulation to and away from the face, helping to provide gap-free protection. The lens shall be coated with a scratch-resistant coating on both inner and outer surfaces to help protect it from abrasion. The lens shall be optically correct to eliminate distortion. The lens material shall be high-performance, impact-resistant plastic. The lens shall be able to be replaced within 15 seconds and without the use of tools (e.g. Allen wrench, screwdriver). The lens must be securely stowed without the use of spring-loaded mechanics or lever system

Berry Compliance

The Cairns® 1044 Traditional Fire Helmet is manufactured in the United States of America, country of origin US, and complies with the Berry Amendment FAR 252 225-7012 and Trade Agreement FAR 252 225-7021. Supplier shall acknowledge it has fully investigated the source of all elements and components of the product described in accordance with the Berry Amendment and must supply a certificate to confirm such compliance.

CAIRNS 1044 Traditional Fire Helmet Specifications

Maintenance, Repair, and Retirement

Proper maintenance, repair, and retirement of the helmet can be found in the MSA Cairns Fire Helmet Operation and Instruction Manual on our web site (MSASafety.com). Users should also refer to NFPA1851 (current edition) regarding proper inspection, maintenance, repair schedules, and retirement requirements for structural firefighting helmets. Upon the customer's request, an MSA representative will conduct training explaining the proper maintenance, repair and retirement of MSA Cairns Fire Helmets.

Contact Information

For additional information on MSA Cairns® products, please contact MSA Customer Service at 1-877-MSA-FIRE or visit us on MSAfire.com

Manufacturer Name: _____

Item/Product Number: _____

Number of Days for Delivery After Award: _____

*****PLEASE NOTE: Unit Costs MUST Include: Shipping & Handling and ANY
Applicable Costs*****

*****Vendor MUST Submit Product & Warranty Information if Applicable with
Bid Submission*****

*****Evaluation Method - Unit Price & Delivery Time Will Be Factored in the
Evaluation Process to Determine Lowest & Best Bid Received*****