

PATRICIA A. PESHKA

PURCHASING AGENT



SCOTT AVEDISIAN

MAYOR

**CITY OF WARWICK**  
PURCHASING DIVISION  
3275 POST ROAD  
WARWICK, RHODE ISLAND 02886  
TEL (401) 738-2000 EXT. 6240  
FAX (401) 737-2364

The following notice is to appear on the City of Warwick's website Friday, February 5, 2015. The website address is <http://www.warwickri.gov> (Online Resources Tab).

**CITY OF WARWICK  
BIDS REQUESTED FOR**

**Bid #2016-258 Structural Firefighting Helmets**

Specifications are available in the Purchasing Division, Warwick City Hall, Monday through Friday, 8:30 AM until 4:30 PM on or after Friday, February 5, 2016. Please note that our offices will be closed on Monday, February 15, 2016.

Sealed bids will be received by the Purchasing Division, Warwick City Hall, 3275 Post Road, Warwick, Rhode Island 02886 up until 10:00 AM, Monday, February 22, 2016. The bids will be opened publicly commencing 10:00 AM, on the same day in the Lower Level Conference Room, Warwick City Hall.

Awards shall be made on the basis of the lowest evaluated or responsive bid price. Please note that no bids can be accepted via email or fax.

Individuals requesting interpreter services for the hearing impaired must notify the Purchasing Division at 401-738-2000, extension 6241 at 401-739-9150 at least 48 hours in advance of the bid opening date.

**Original Signature on File**

Patricia A. Peshka  
Purchasing Agent

**CERTIFICATION & WARRANT FORM\***

**This form must be completed and submitted with sealed bid.  
Failure to do so will result in automatic rejection.**

Any and all bids shall contain a certification and warrant that they comply with all relevant and pertinent statutes, laws, ordinances and regulations, in particular, but not limited to Chapter 16- Conflicts of Interest, of the Code of Ordinances of the City of Warwick. Any proven violation of this warranty and representation by a bidder at the time of the bid or during the course of the contract, included, but not limited to negligent acts, either directly or indirectly through agents and/or sub-contractors, shall render the bidder's contract terminated and the bidder shall be required to reimburse the City for any and all costs incurred by the City, including reasonable attorney fees, to prosecute and/or enforce this provision.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Address

\_\_\_\_\_  
Address

**\*This form cannot be altered in any way**

**PLEASE INCLUDE THIS PAGE WITH YOUR BID**

**Acknowledgement of Addendum (if applicable)**

<b>Addendum Number</b>	<b>Signature of Bidder</b>
_____	_____
_____	_____

COMPANY NAME: \_\_\_\_\_

COMPANY ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

BIDDER'S SIGNATURE: \_\_\_\_\_

BIDDER'S NAME (PRINT): \_\_\_\_\_

TITLE: \_\_\_\_\_ TEL. NO.: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_\*

\*Please include your email address. Future bids will be emailed, unless otherwise noted.

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**II. AWARD AND CONTRACT:**

The CITY OF WARWICK, acting as duly authorized through its Purchasing Agent/Finance Director/Mayor (delete if inapplicable), accepts the above bid and hereby enters into a contract with the above party to pay the bid price upon completion of the project or receipt of the goods unless another payment schedule is contained in the specifications. All terms of the specifications, both substantive and procedural, are made terms of this contract.

DATE: \_\_\_\_\_

BID #2016-258

\_\_\_\_\_

PURCHASING AGENT

## **CITY OF WARWICK**

### **NOTICE TO BIDDERS**

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If you received this document from our homepage or from a source other than the City of Warwick Purchasing Division, please check with our office prior to submitting your bid to ensure that you have a complete package. The Purchasing Division cannot be responsible to provide addenda if we do not have you on record as a plan holder.

The opening of bids shall be in the order established by the posted agenda and the agenda shall continue uninterrupted until completion.

Once an item has been reached and any bids on that item has been opened, no other bids on that item will be accepted and any such bid shall be deemed late.

The contractor will not discriminate against any employee or applicant for employment because of physical or mental handicap for any position for which the employee or applicant is qualified and that in the event of noncompliance the City may declare the contractor in breach and take any necessary legal recourse including termination or cancellation of the contract.

A bidder filing a bid thereby certifies that no officer, agent, or employee of the City has a pecuniary interest in the bid or has participated in contract negotiations on the part of the City, that the bid is made in good faith without fraud, collusion, or connection of any kind with any other bidder for the same call for bids, and that the bidder is competing solely in his own behalf without connection with, or obligation to, any undisclosed person or firm.

All bids should be submitted with one (1) original and one (1) copy. If submitting your bid via a carrier, please include a separate sealed bid response in your package identifying the response as "Bid #2016-258 Structural Firefighting Helmets."

Bids received prior to the time of the opening will be securely kept, unopened. No responsibility will be attached to an officer or person for the premature opening of a bid not properly addressed and identified. No bids shall be accepted via facsimile or email.

Should you have any questions, please contact Assistant Chief Morse, Warwick Fire Department, at 401-468-4044.

All bids should be written in ink or typed. If there is a correction with whiteout, the bidder must initial the change.

Negligence on the part of the bidder in preparing the bid confers no rights for the withdrawal of the bid after it is opened.

Any deviation from the specifications must be noted in writing and attached as part of the bid. The bidder shall indicate the item or part with the deviation and indicate how the bid will deviate from specifications.

The contractor must carry sufficient liability insurance and agree to indemnify the city against all claims of any nature, which might arise as a result of his operations or conduct of work.

When a bid is awarded to a corporation, limited liability company or other legal entity, prior to commencing work under the awarded bid, that corporation, company or legal entity may be required to provide to the Purchasing Agent a Certificate of Good Standing dated no more than thirty (30) days prior to the date upon which the bid award was made.

The successful bidder will provide said required Certificate of Good Standing within ten (10) calendar days after notification of award or the City reserves the right to rescind said award.

Failure to provide adequate documentation within the specified duration of time as set forth is a material breach of contract and grounds for termination of the contract.

The City of Warwick reserves the right to award this contract as a one (1) year or two (2) year contract, as deemed most favorable to the interest of the City. Term contracts may be extended for one additional term upon mutual agreement unless otherwise stated.

The IRS Form W-9 attached shall be completed and submitted with the bid if the bidder falls under IRS requirements to file this form.

The City is exempt from the payment of the Rhode Island Sales Tax under the 1956 General Laws of the State of Rhode Island, 44-18-30, Paragraph I, as amended.

The successful bidder must comply with all Rhode Island Laws, applicable to public works projects, including, but not limited to provisions of Chapter 13 of Title 37 of the Rhode Island General Laws, pertaining to prevailing wage rates, and all other applicable local, state and federal laws.

The Purchasing Agent reserves the right to reject any and all bids, to waive any minor deviations or informalities in the bids received, and to accept the bid deemed most favorable to the interest of the City.

The City reserves the right to terminate the contract or any part of the contract in the best interests of the City, upon 30-day notice to the contractor. The City shall incur no liability for materials or services not yet ordered if it terminates in the best interests of the City. If the City terminates in the interests of the City after an order for materials or services have been placed, the contractor shall be entitled to compensation upon submission of invoices and proper proof of claim, in that proportion which its services and products were satisfactorily rendered or provided, as well as expenses necessarily incurred in the performance of work up to time of termination.

No extra charges for delivery, handling or other services will be honored. All claims for damage in transit shall be the responsibility of the successful bidder. Deliveries must be made during normal working hours unless otherwise agreed upon.

All costs directly or indirectly related to the preparation of a response to this solicitation, or any presentation or communication to supplement and/or clarify any response to this

Solicitation, which may be required or requested by the City of Warwick shall be the sole responsibility of and shall be borne by the respondent.

If the respondent is awarded a contract in accordance with this solicitation and the respondents bid or response and if the respondent fails or refuses to satisfy fully all of the respondents obligations thereunder, the City of Warwick shall be entitled to recover from the respondent any losses, damages or costs incurred by the City as a result of such failure or refusal.

The City reserves the right to award in part or full and to increase or decrease quantities in the best interest of the City.

Any quantity reference in the bid specifications are estimates only, and do not represent a commitment on the part of the City of Warwick to any level of billing activity. It is understood and agreed that the agreement shall cover the actual quantities ordered during the contract period.

The City reserves the right to rescind award for non-compliance to bid specifications.

**The successful bidder must adhere to all City, State and Federal Laws, where applicable.**

**Warwick Fire Department**  
**Request for Bids**  
**Structural Firefighting Helmets**

The Warwick Fire Department is seeking bids for Structural Firefighting Helmets, Morning Pride Ben Franklin 2 LR – Low Rider and must be in accordance with the following specifications.

**Purpose:**

This specification defines the minimum requirements for a firefighter’s traditional styled structural protective helmet.

**Scope:**

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

**General:**

Helmets manufactured in accordance with this specification are designed to meet or exceed the requirements of NFPA 1971-2007 edition (which took effect in February 2007), *Protective Ensemble for Structural Firefighting*

**Manufacturer’s Warranty:**

Helmets shall be warranted for the lifetime of the helmet, to be free of defects in materials and workmanship. The manufacturer shall guarantee, for a period of five (5) years from the date of manufacture, that the helmet shell will be replaced free of charge if it is damaged beyond use while worn during normal fire ground activities.

\_\_\_\_\_Comply          \_\_\_\_\_Exception

**Helmet Shell:**

The helmet shell shall be made of FYR-Glass, high-pressure molded at a minimum of 1,000 psi to form the composite material. The entire FYR-Glass composite shell shall consist of a blend of 58% random chopped fiberglass, 42% FR resins, FR additives and custom pigments. The shell shall be available in black and white with the color molded throughout. Painting or coatings on the shell shall not be acceptable because of their inherent problems of chipping and durability. Shell minimum thickness shall be 0.070 inch (0.178 cm).

The shell design shall be a traditional American Fire Service style helmet, which shall include on the exterior of the helmet dome: a major longitudinal ridge, a major transverse ridge, and minor diagonal ridges. The brim shall be of a traditional “watershed” design, include decorative vine scrollwork on the upper brim, and have a decreasing radius downward slope at the rear of the brim. The brim, when measured from the dome and brim intersection point 1.58 inches (4.01 cm) in the front, 1.3 inches (3.3 cm) at the sides, and 3.0 inches (7.62 cm) at the rear.

An upper mounting bracket for a leather front shall be cast aluminum alloy Eagle with a gold plate finish. Forward/rearward movement to fit various style leather fronts shall be provided by 0.438-inch (1.11-cm) slots in the base of the Eagle where it shall be mounted to the front of the longitudinal ridge using three (3) threaded stainless steel rods, flat washers, lock washers and six solid brass dome nuts.

On black helmet shells, there shall be black, impact resistant, and fire retardant edge beading. White helmets shall have white edge beading available.

A hanger loop with at least 1.15 inches (2.92 cm) inside dimension shall be mounted at the rear of the helmet brim and shall be held in place by means of a bracket. Both of these components shall be gold anodized aluminum and fastened to the helmet with a machine screw, lock washer and dome nut meeting hardware specifications outlined in the General Helmet Hardware section.

The shell shall exhibit superior levels of energy dissipation and penetration resistance. This shall allow the helmet a much lower center of weight location. Additionally, the internal six-point overhead suspension straps shall be long enough to allow for a lower shell ride on the head to improve fit, while reducing fatigue and helmet instability during use.

\_\_\_\_\_ Comply                      \_\_\_\_\_ Exception

**Head Suspension:**

The internal sizing and impact dissipation systems of the helmet shall be comprised of the following components: Suspension mounting ring; adjustable headband/ratchet with padding; easily replaceable, washable and padded coverings for the headband and ratchet; and a six-point overhead strapping/suspension system.

The suspension mounting ring shall be injection molded, high-temperature thermoplastic. It shall be firmly attached to the shell with two screws each at the right and left side molded-in “wings,” that are screwed into screw plates mounted on the top side of the helmet brim. Also, one screw each shall be screwed directly into the shell at the front and the rear using hardware that meets the specifications of the General Helmet Hardware section. The mounting ring shall have a minimum of six-cavities to accept the mounting tabs for the overhead suspension system. Lipped retention walls shall be provided at the rear and sides for installing goggles. When measured across the bottom of the ring opening, the internal side-to-side measurement shall be no less than 7.71 inches (19.6 cm), and the front-to-rear 9.29 inches (23.6 cm) to accommodate firefighters with larger heads and other specialized protective items such as SCBA masks, hoods, etc.

**Sizing Adjustment:**

The entire headband (excluding ratchet sizing assembly) shall consist of a one-piece injection molded part for strength, durability and comfort (particularly while using SCBA masks). Multi-piece headbands which are prone to failure and replacement at riveted or pivoting connections, -can create pressure points causing comfort problems, are unacceptable.

Self-adhesive cushion padding, 0.25 inch thick (0.64-cm thick), shall be applied to the inside diameter of the headband. The cushion pad shall run from above and behind each ear and all the

way around the brow. A separate piece of the same cushion padding shall be used to cover the contact area of the ratchet.

The headband will mount to the suspension tabs by “T” connectors that fit through the suspension tabs at the four diagonal bosses. Each tab and boss shall allow for six adjustable headband positions providing: an “all the way out setting” for very large heads, an “all the way in setting” for very small heads, and four intermediate settings in ¼-inch (0.635-cm) increments. When the ratchet is attached, the headband range shall offer adjustments from slightly smaller than size 6 to size 9.5, thus eliminating the need for separate small, medium or large headbands.

\_\_\_\_\_ Comply            \_\_\_\_\_ Exception

**Liner Comfort System:**

The separate headband, comfort cap and ratchet covers shall be made from tri-laminate material consisting of: black 7.0-ounce FR cotton low pilling twill, which is laminated to a breathable 0.135-inch (0.35-cm) FR padding; the FR padding in turn shall then be laminated to a layer of breathable black Veltex. Both the headband and ratchet cover shall wrap around their respective components and be removable/replaceable for washing and/or replacement purposes by means of hook fastener tape.

\_\_\_\_\_ Comply            \_\_\_\_\_ Exception

**Chinstrap:**

The chinstrap shall be made from 0.75-inch-wide (1.9-cm-wide) black FR spun fiber webbing and incorporate a double buckle quick-release; with a postman slide, length adjustment on the wearer’s left side. The loose end of the strap shall feature storage by means of a hook and loop fastener. The strap shall be installed to the helmet ring at the side locations.

\_\_\_\_\_ Comply            \_\_\_\_\_ Exception

**Thread:**

All thread used in the sewing of ear covers, chin straps and overhead nylon straps shall be Nomex Tex 90.

\_\_\_\_\_ Comply            \_\_\_\_\_ Exception

**Overhead Strapping/Suspension System:**

A set of three proportional length nylon overhead straps and six mounting tabs shall be located to run between the following suspension mounting ring bosses, front-to-rear and on each of the two diagonals. For safety reasons, since the helmet will be worn in high temperature environments, the overhead strapping material shall not be exposed to the external environment on the underside of the helmet.

\_\_\_\_\_ Comply            \_\_\_\_\_ Exception

**Ear and Neck Protection:**

Standard ear covers shall be constructed with three layers of FR material in the following manner: An outer layer of 4.5 ounce Nomex a layer of 12 oz. Sateen, 6.5 ounce Flannel and a 0.5-inch (1.27-cm) Nomex webbing-mounting strip along the top outside edge. The Nomex tape-mounting strip shall be looped over the four diagonal suspension/headband mounting tabs and the fifth tab at the center rear when the suspension/headband is installed.

Note: With six point Padded Ratchet Suspension, appropriate ear and neck protection covers shall be provided at no additional cost.

\_\_\_\_\_Comply      \_\_\_\_\_Exception

**Eye Protection:**

Shall be of a EZ-Flip style NFPA approved

Exposed brackets and/or retention systems for eye protection, certified to NFPA 1971, shall be manufactured from high strength aluminum alloy material, gold anodized with high temperature rubber grommets attached to the bracket holes, mounted to the helmet with stainless steel screws and Screw Plates non-conductive fiber reinforced thermoplastic with threaded brass inserts that mount on the top side.

\_\_\_\_\_Comply      \_\_\_\_\_Exception

**Retro-Reflective Trim:**

Standard trim shall be eight lime yellow 2-inch-high (5.1-cm-high) Reflexite trapezoids.

\_\_\_\_\_Comply      \_\_\_\_\_Exception

**Helmet Hardware:**

All threaded rods, machine bolts, machine screws, dowel rods and hex nuts shall be stainless steel. All dome nuts and threaded inserts used in plastic parts shall be solid brass. All split style lock washers used shall be bronze or stainless steel. Postman slides for chinstraps shall be nickel-plated zinc alloy. Quick release buckles for chinstraps shall be high-temperature, flame retardant, thermoplastic material.

\_\_\_\_\_Comply      \_\_\_\_\_Exception

**Lower Mounting Bracket for Leather Front:**

A lower mounting bracket for a leather front shall be a “U” shaped bracket molded of non-conductive fiber reinforced thermoplastic. The “U” bracket shall be mounted to the lower front portion of the helmet, just above the brim using screws and nuts that meet the hardware requirements as stated in the “*Helmet Hardware*” Section of this bid specification.

\_\_\_\_\_ Comply            \_\_\_\_\_ Exception

**Sizing:**

The helmet will be of a universal size. All sizing will be done with a sample helmet and in person.

\_\_\_\_\_ Comply            \_\_\_\_\_ Exception

**Flammability of Constituent Materials:**

The complete helmet, chin straps, and ear covers shall be tested for flame resistance and shall comply with the requirements of the NFPA 1971 flammability tests for helmets

\_\_\_\_\_ Comply            \_\_\_\_\_ Exception

**Labeling Requirements:**

Labels will be integrally printed onto the materials that meet all of the requirements for labels of NFPA 1971-2012

\_\_\_\_\_ Comply            \_\_\_\_\_ Exception

**Performance Verification Data Requirement:**

This bid must include a current NFPA 1971-2012 Certificate of Conformance test report from an accredited test facility for the helmet offered. This test certification is conducted annually as per NFPA requirements.

\_\_\_\_\_ Comply            \_\_\_\_\_ Exception

**Care Instructions:**

The manufacturer shall provide a user information guide for the helmet, which complies with user information requirements of NFPA 1971. Topics shall include, but not necessarily be limited to: pre-use information, preparation for use, inspection frequency and details, don/doff, use consistent with NFPA 1500, maintenance and cleaning, and retirement and disposal criteria and considerations.

This document shall be packaged with each helmet.

This written information shall be in complete compliance with NPFA 1971 requirements, and shall reference it.

\_\_\_\_\_ Comply          \_\_\_\_\_ Exception

**Applicable Documents:**

The following documents will be included with each helmet:

ASTM D 6193-97 Standard Practice for Stitches and Seams

NFPA 1500 Standard on Fire Department Occupational Safety and Health Program

NFPA 1851 Standard on Selection, Care, and Maintenance of Structural Fire Fighting Protective Ensembles

NFPA 1971 Standard on Protective Ensemble for Structural Fire Fighting

\_\_\_\_\_ Comply          \_\_\_\_\_ Exception

**Asset Tracking Service:**

The manufacturer must be capable of providing a Windows-compatible software program for the tracking of care, cleaning and maintenance of the helmets. This tracking program shall meet or exceed all record keeping requirements of standard NFPA 1851, *Standards on Selection, Care and Maintenance of Structural Fire Fighting Protective Ensembles*. Labels on each helmet must include a standard style barcode containing serial number, model number, date of Manufacture, lot number and manufacturer.

\_\_\_\_\_ Comply          \_\_\_\_\_ Exception

**Product Country of Origin:**

Companies with their incorporations within the United States or Canada must manufacture helmets in the United States or Canada.

\_\_\_\_\_ Comply          \_\_\_\_\_ Exception

**Maintenance, Repair and Retirement:**

Training will be provided explaining the proper maintenance, repair and retirement of the helmet. All repairs will be the responsibility of the vendor or manufacturer (including shipping and handling).

\_\_\_\_\_ Comply          \_\_\_\_\_ Exception

**Sample:**

At the request of the Warwick Fire Department, the vendor or manufacturer will provide a test helmet within (5) business days from time of request.

\_\_\_\_\_Comply            \_\_\_\_\_Exception

**Bid Requirements:**

All prices will remain in effect (2) years from date of award with the option of an additional term.

The City of Warwick reserves the right to increase or decrease quantities in the best interest of the City of Warwick.

All prices are to include shipping and handling charges. Helmets are to be shipped to Warwick Fire Department, 111 Veterans Memorial Drive, Warwick, RI 02886 with receipt of helmets within fourteen (14) business days of order placement.

All orders will be placed on an as needed basis throughout the contract period.

\_\_\_\_\_Comply            \_\_\_\_\_Exception

**Price List**

**All prices include shipping, handling and delivery to:**

Warwick Fire Department  
111 Veterans Memorial Dr.  
Warwick, RI 02886

<b>Item #</b>	<b>Description</b>	<b>Unit Cost 1<sup>st</sup> Year</b>	<b>Unit Cost 2<sup>nd</sup> Year</b>
1	Morning Pride Ben 2 LR w EZ flip NFPA eye protection, Color Black		
2	Morning Pride Ben 2 LR w EZ flip NFPA eye protection, Color White		
3	Replacement EZ flip NFPA eye protection w/ mounting hardware (Sold Separately)		

**Exceptions To Bid:**

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**CITY OF WARWICK**  
**BID AND CONTRACT FORM**

**TITLE OF SPECIFICATION:** Bid #2016-258 Structural Firefighting Helmets

**I. BID:**

WHEREAS, the CITY OF WARWICK has duly asked for bids for performance of services and/or supply of goods in accordance with the above-indicated specifications.

The person or entity below does irrevocably offer to perform the services and/or furnish the goods in accordance with the specifications, which are hereby incorporated by reference in exchange for the bid price below;

This offer shall remain open and irrevocable until the CITY OF WARWICK has accepted this bid or another bid on the specifications or abandoned the project.

The bidder agrees that acceptance below by the CITY OF WARWICK shall transform the bid into a contract. This bid and contract shall be secured by Bonds, if required by the specifications.

**Pricing as Submitted**