

**CITY OF NORWICH  
INVITATION TO BID**

**BID NO. 7447**

**Thirty-two Sets Turnout Gear  
Taftville and Yantic V.F.D.s**

Sealed bids will be received at the Office of the Purchasing Agent, City of Norwich, City Hall Building, Norwich, Connecticut until 2:00 p.m. Prevailing time, on **Tuesday, April, 15, 2014** and will be publicly opened and read at 2:00 p.m. in Room 319 in City Hall.

*Copies of the Specifications may be obtained at the Purchasing Office at 100 Broadway, Norwich, CT 06360 or online at the State of Connecticut DAS Web Portal or at the City of Norwich web site [www.norwichct.org](http://www.norwichct.org) by clicking on Public Bids/Proposals.*

**BID SURETY IN THE FORM OF A CERTIFIED CHECK OR BOND IN THE AMOUNT OF FIVE PERCENT OF SUCH BID IS REQUIRED.**

*Bidder is to submit bid on the attached forms and in the manner requested. Bids must be deposited with the Purchasing Agent before closing time. Bids transmitted by facsimile will not be accepted.*

The right is reserved to reject any or all, or any part of any or all bids when such action is deemed in the best interest of the City.

All Bids received must be in a sealed envelope. Each envelope is to be marked on the front with bid number and the bidder's name. All final awards of bid are subject to comply with **Ordinance # 1235, adopted 12/3/91.**

WILLIAM BLOCK  
PURCHASING AGENT

**CITY OF NORWICH  
INVITATION TO BID**

**BID NO. 7447**

**Thirty-two Sets Turnout Gear  
Taftville and Yantic V.F.D.s**

Sealed bids will be received at the Office of the Purchasing Agent, City of Norwich, City Hall Building, Norwich, Connecticut until 2:00 p.m. Prevailing time, on **Tuesday, April, 15, 2014** and will be publicly opened and read at 2:00 p.m. in Room 319 in City Hall.

*Copies of the Specifications may be obtained at the Purchasing Office at 100 Broadway, Norwich, CT 06360 or online at the State of Connecticut DAS Web Portal or at the City of Norwich web site www.norwichct.org by clicking on Public Bids/Proposals.*

**BID SURETY IN THE FORM OF A CERTIFIED CHECK OR BOND IN THE AMOUNT OF FIVE PERCENT OF SUCH BID IS REQUIRED.**

*Bidder is to submit bid on the attached forms and in the manner requested. Bids must be deposited with the Purchasing Agent before closing time. Bids transmitted by facsimile will not be accepted.*

The right is reserved to reject any or all, or any part of any or all bids when such action is deemed in the best interest of the City.

All Bids received must be in a sealed envelope. Each envelope is to be marked on the front with bid number and the bidder's name. All final awards of bid are subject to comply with **Ordinance # 1235, adopted 12/3/91.**

WILLIAM BLOCK  
PURCHASING AGENT



## **SPECIFICATIONS FOR TURNOUT GEAR**

The following specifications are intended to achieve the following goals:

- Obtain turnout gear that meets or exceeds NFPA 1971 and all other applicable regulations.
- Obtain gear that has been certified as NFPA compliant by Underwriter's Laboratory or SEI as the third party certification organization.
- Obtain gear that is durable, maintainable, properly fitted and provides maximum range of motion for the firefighter clad in this gear.
- Obtain gear in a competitive bid environment.

With these objectives in mind, the City is specifying the gear by acceptable brand and model.

Those brands/models are:

1. Honeywell/Morning Pride.
2. Cairns/Reaxtion.

Vendors with other brands who can document that their equipment is equal or superior to the brands specified in materials, workmanship, sizing, warranty and customer support will be considered.

In submitting a bid the bidder acknowledges that the Purchaser's decision regarding which gear will best meet the Purchaser's needs shall be final.

### **1. Outer Shell Material**

Outer shell material for jackets and pants shall be Cairns GEMINI PBI/Kevlar blend, 400 denier, 7.5 oz. per square yard treated with SST water repellent finish or Morning Pride Kevlar (60%) Nomex (40%) 7 oz. ripstop weave.

### **2. Thermal insulating Liner**

The thermal insulating liner shall be Cairns Caldura SL2 (one layer 1.5 oz., one layer 2.3 oz. E-89 spunlaced Nomex/Kevlar aramid blend quilt stitched to 3.9 oz. Caldura SL face cloth, finished weight 7.7 oz./sq. yard or Morning Pride, one layer 1.5 oz. E-89, one layer 2.3 oz. E-89 stitched to 3.2 oz. Meta Aramid face cloth, finished weight 7 oz. sq. yard.

### **3. Moisture Barrier**

Moisture barrier shall be Cairns Crosstech type 2C, 5 oz. per square yard two layer laminate or Morning Pride Crosstech type 2F, 4.7 oz. per sq. yard two layer laminate.

#### **4. Sizing**

Jackets and pants shall be available in male and female sizing patterns. Jackets shall be available in two inch sizing increments from size 30 to 60. Pants shall also be available in male and female patterns in waist sizes in two inch increments from size 24 to 56. Selected vendor must provide a sizing specialist when the gear is being ordered.

#### **5. Rescue Features**

Each jacket must be fitted with a Drag Rescue Device (DRG) and each pair of pants must be fitted with harness loops.

#### **6. Collar/Throat Protection**

The collar shall be of four layer construction with the outer layers of the outer shell material. Collars shall be 4 inches high at the back center, grade proportionately to the jacket size. The throat tab (Cairns) or chin strap (Morning Pride) shall be of the materials, dimensions, and fastening arrangements as offered by Cairns Reaxtion or Honeywell Morning Pride.

#### **7. Sleeve Protection**

The sleeves shall have wristlets and sleeve wells to prevent entry of water and hazardous substances into the sleeves. Wristlet and sleeve wells shall be of the materials, dimensions, and fastening arrangements as offered by Cairns Reaxtion or Honeywell Morning Pride.

#### **8. Garment Closures**

The Closure systems for the jacket and pants shall be of the materials, dimensions, and fastening arrangements as offered by Cairns Reaxtion or Honeywell Morning Pride.

## 9. Knee Reinforcement

Supplemental knee protection shall be provided by additional layers of thermal liner, moisture barrier, and outer shell material (Cairns) or the Bi-flex knees detailed in the pants options (Honeywell).

## 10. Jacket Options

### Taftville VFD

Trim- Standard 3 -Lime 2-Tone Scotchlite

Hem Patch w/Velcro -Kevlar/Nomex EWR Black

FF LAST NAME or 1st INITIAL + LAST NAME - Avg. 7 letters - Ok to use 2" to fit 7 -3" sewn letters -lime Scotchlite

Letters Applied Directly to Back

<TAFTVILLE>9 -3" sewn letters -lime Scotchlite

Dead Air Panels - Coat

Half Hi Bellows Pockets -Kevlar/Nomex EWR Black - 6 x 9 x 1.5

Mic Tab -Kevlar/Nomex EWR Black - left chest - 0.5 x 2.5

Large Hook on Patch -Kevlar/Nomex EWR Black - right chest

Place above SL-90 Radio Pocket -Kevlar/Nomex EWR Black - left chest - 8 x 3 x 2

SL-90 Flashlight Clip -Kevlar/Nomex EWR Black - right chest

The jacket closures shall be Velcro, snap, D-ring.

### Yantic VFD

Trim -(1) NFPA -lime 2-tone Scotchlite (3")

Back Patch - Advance - Gold

1 -3" sewn letter -lime Scotchlite

< YANTIC >Hem Patch w/Velcro - Advance - Gold

1 -3" sewn letter -lime Scotchlite

< --NAME- >FF 1st INITIAL + LAST NAME or RANK 2" Velcro/Zipper Coat Closure

LTO Comfort Chinstrap

Black Knit Material on Comfort Chinstrap

Dead Air Panels

Half Hi Bellows Pockets - Advance - Gold - 7 x 9 x 1.5

Handwarmers behind Bellows Pockets - Fleece

Mic Tab - Advance - Gold - left chest - 0.5 x 2.5

Large Hook on Patch - Advance - Gold - on shield (stormflap)

Radio Pocket - Advance - Gold - left chest - 8 x 3 x 2

SL-90 Flashlight Clip - Advance - Gold - right chest

Liner Pocket -FR Cotton White - on liner

left sideSub Wristlets -Long Hybrid with tabs -Nomex – black

#### OPTIONAL:

Substitute NY Metro Style DRD for the standard DRD \*\*When this option is specified move mic tab and radio pocket to right chest and move SL-90 to left chest.

### **11. Pants Options**

#### **Taftville VFD**

Trim- 3" Cuff -Lime 2-Tone Scotchlite

Non-Std Wide 1.5" Velcro Fly w/ Hook & Dee

Angled Cuffs -Pants -Kevlar/Nomex EWR Black

BiFlex Heat Channel Knees Replaceable - Kevlar/Nomex EWR Black

Horizontal Strips in BiFlex knee to be Arashield Black

Bellows Pockets - Advance - Black - 9 x 9 x 1.5

Snap Style Suspender Attachment

Harness Pants -NY Style -No Harness

Dyna-Fit Suspenders w Snap Attach and Quick Adjust Installed Suspender Padding.

## **Yantic VFD**

Trim -(7) NFPA -lime 2-tone Scotchlite (3")

Narrow Fly -1.5" Velcro/Zipper- No Hook- Full Access Opening

Angled Cuffs - Advance - Gold

BiFlex Heat Channel Knees Replaceable - Advance - Gold

Horizontal Strips in BiFlex knees to be Arashield - Gold

Bellows Pockets - Advance - Gold - 9 x 9 x 1.5

Snap Style Suspender Attachment

Right over Left Spider Harness Pant Opening

Right over Left Patriot Harness \*N/A w/30" Waist or Less\*

Dyna-Fit Suspenders w/ Snap Attach & Quick Adjust Installed

## **12. Miscellaneous Vendor Support**

Along with the bid form, bidders must include a brief narrative of other support services that will be provided with the turnout gear. These services may include, but not be limited to such features as asset tracking, traceability, repair/alteration support, and garment care instructions. The Purchaser reserves the right to consider the availability or absence of such services in evaluating the bids.