



# CITY of NOVI CITY COUNCIL

Agenda Item E  
August 27, 2018

**SUBJECT: Approval to purchase ballistic helmets for the Novi Police Department from United Shield International, LLC through the General Services Administration (GSA) Cooperative Purchasing Contract in the amount of \$29,465.**

**SUBMITTING DEPARTMENT:** Public Safety - Police

*SRB*

**CITY MANAGER APPROVAL:**

*[Signature]*

<b>EXPENDITURE REQUIRED</b>	<b>\$29,465</b>
<b>AMOUNT BUDGETED</b>	<b>\$38,755</b>
<b>APPROPRIATION REQUIRED</b>	<b>\$0</b>
<b>LINE ITEM NUMBER</b>	<b>266-266.00-740.245</b>

## BACKGROUND INFORMATION:

Approved in the 2018-19 Forfeiture Budget, was the purchase of ballistic helmets for the Novi Police Department. The helmets will provide protection against handgun, fragmentation, blunt force trauma, compression and environmental threats. Officers are currently equipped with a separate helmet which is not ballistic rated and placed into the patrol vehicles when possible riot events happen. The majority of the existing riot helmets are in excess of 20 years old and have reached the end of their life expectancy. The ballistic helmets will also be equipped with face shields for riot control. Face shield attachments would remove the need for officers to have two separate helmets during large events. The face shield could be kept inside of duty bags where it could be easily attached during an event. Using a detachable face shield will also minimize scratches and damage to the shield. Moving forward the riot helmet would be a part of the standard issued uniform.

The purchase would be made through the GSA Cooperative Purchasing Contract.

**RECOMMENDED ACTION: Approval to purchase ballistic helmets for the Novi Police Department from United Shield International, LLC through the General Services Administration (GSA) Cooperative Purchasing Contract in the amount of \$29,465.**

# United Shield International



United Shield International LLC  
 1606 Barlow Street, Unit #1  
 Traverse City, MI 49686  
 Tel : 231-933-1179 Fax 231-933-5368

## Quotation

Customer				
<b>Name</b>	City Of Novi John Corder	<b>Quotation No:</b>	7541	
		<b>Ref:</b>		
		<b>Validity</b>	60 days	
		<b>Currency :</b>	USD	
		<b>Date:</b>	9-Aug-18	
<b>Tel :</b>				
Item	Description	Quantity	Price	Amount
	<b>GSA CONTRACT GS-07F-0093V</b>			-
Helmet	ACH-MICH-MIL	71	\$267.00	18,957.00
	<b>OPEN MARKET</b>			
	Rails, installed on helmet	71	\$53.00	3,763.00
	Dk7H.150R	71	\$90.00	6,390.00
	Shipping	71	\$5.00	355.00
<b>Total :</b>				<b>29,465.00</b>
<b>Notes:-</b>		<b>Signed :</b> Paul Banducci		
1) Prices are FOB Novi MI 2) Terms : Net 30 3) delivery 45 - 60 days THESE PRODUCTS MAYBE SUBJECT TO US EXPORT CONTROLS, YOU ARE RESONSIBLE FOR COMPLYING WITH ALL US EXPORT LAWS				

# MEMORANDUM



**TO:** ERICK ZINSER, ASSISTANT CHIEF, UNIFORM DIVISION  
**FROM:** JOHN CORDER, OFFICER, UNIFORM DIVISION JC 211  
**SUBJECT:** BALLISTIC HELMETS/FACE SHIELDS  
**DATE:** AUGUST 08, 2017

## SUMMARY:

Members of the Novi Police Department need a ballistic helmet in active shooter situations. I am proposing buying ballistic helmets for every member of the Novi Police Department. I propose we get United Shield ballistic helmets. Each helmet can be sized for individual officers and arrive within 6 weeks according to our supplier Communications Professionals, Inc. Also with our ballistic helmets I would like to order attachable face shields for riot control. The ballistic helmet with face shield will increase officer survivability while replacing our non-ballistic riot helmet therefore increasing our efficiency and effectiveness.

## JUSTIFICATION:

The United Shield ballistic helmet provides protection against handgun, fragmentation, blunt force trauma, compression, and environmental threats. With these helmets our officers responding to the scene will be safer.

The following statistics were compiled from the FBI. In 2013, twenty six officers were fatally shot. Of those twenty six officers, nine (34.6%) were fatally shot in the head. In 2014, forty six officers were fatally shot. Of those forty six officers, twenty two (47.8%) were shot in the head. The 2015 report shows thirty eight officers fatally shot. Of the thirty eight officers, thirteen (34.2%) succumbed to a fatal shot to the head. Of the three years of data reviewed, it shows an average of nearly 39% of all officers feloniously killed by a firearm were directly related to being shot in the head. Of the officers feloniously killed by a firearm, the vast majority were from a pistol. With the United Shield ballistic helmet being level IIIA, it would provide adequate protection from most pistol rounds.

The most recent story of a ballistic helmet saving an officer's life was the Pulse night club shooting in Orlando, Florida. The officer was shot in the front of his ballistic helmet with a .223 round. The helmet stopped the bullet. Although it is unknown on the make and model of the helmet, Orlando PD did credit the ballistic helmet with saving the officer's life.

The face shields come as an attachable piece which can be added to the ballistic helmet's side rails. This piece of gear would allow officers to be effective in riot control scenarios. Currently we have a separate helmet which is not ballistic rated and placed into our vehicles when possible riot events happen. The majority of our current riot

helmets are in excess of 20 years old therefore are reaching the end of their life expectancy. Face shield attachments would remove the need for officers to have two separate helmets during large events. The face shield could be kept inside of duty bags where it could be easily attached during an event. Using a detachable face shield will also minimize scratches and damage to the shield.

COST:

United Shield ACH-MICH-MIL Ballistic Helmet with Rails

GSA Contract Price for Each Helmet – \$320.00

Total Price for 71 Helmets - \$22,720.00

Face Shield (Dk7H.150R)

GSA Contract Price for Each Face Shield - \$90.00

Total Price for 71 Face Shields – \$6,390.00

Shipping – \$355.00

Both Helmet and Face Shield

Total Price for 71 Helmets with Face Shields - \$29,465.00

United Shield International is a GSA Vendor from list provided for our use by Sue Morianti, City of Novi purchasing department.

CONTACT FOR UNITED SHIELD INTERNATIONAL:

Paul Banducci – unitedshield.pjb@gmail.com

Phone Contact – 231-933-1179

The new US military design featuring a low profile compact helmet with minimum target area and weight. Features United Shield Internationals advanced 7 comfort pad system.

This helmet offers improved head stability with a 4 point adjustable harness, suede covered chin cup and nape strap.

The ACH/MICH MIL helmet has ballistic performance to NIJ 0106.01 and HP White 0401.01. Shock absorption – US Army ACH Spec for impact; Hemi-Anvil, 10 ft/sec with less than 150 G's force transmitted to head.

Fragmentation performance to US ACH Mil Spec.

Mil Spec Team Wendy pad system.



## Ballistic Protection

United Shield offers a broad range of helmet constructions to suit threat and weight performance criteria.

The ACH/MICH MIL helmet is available to meet NIJ level II and IIIA to NIJ 0106.01

## Fragmentation Protection

Protection against fragments V50 700m/sec (2300 fps) according to STANAG 2920 (17gr FSP) and US MIL STD 662F.

Also meets or exceeds US MIL SPEC ACH Fragmentation for 2gr, 4gr, 16gr, 17gr and 64gr RCC fragments

## Size and Weight

Small, Medium, Large and Extra Large  
Weight – 2.6 – 2.8 lbs

## Colors

Standard Colors are Black, Tan, Olive Drab and Coyote Brown.

Most other colors are available as well as our new Hydro dip process for camo patterns such as Multicam.

## Warranty and Quality Assurance

United Shield International offers a 5 year warrant on the ballistic performance of the helmet. The internal harness is warranted for a period of 2 years. United Shield International is an ISO 9001 & 14001 certified company.



The United Shield International SOD-RFS-Rail Riot face shield with Rail adapters is used to provide riot protection from impact, splash and fragments. It is designed to fit all United Shield International helmets with picatinny rails. This includes our ballistic and bump helmets.

The shield locks into the stowed or deployed positions and can be released with one hand.

This face shield has been tested to the NIJ 0104.02 Riot Standard.



## Riot Protection

This Shields Provides protection against fluids, impact, incendiary projectiles and Riot Conditions.

## Material

Polycarbonate

## Weight

Weight – 1 lbs 6 oz.

## Thickness

Thickness - .150  
Length – 6” or 8”  
(6” compatible with Gas mask)

## Colors

clear



## Warranty and Quality Assurance

United Shield International offers a 2 year warranty on the face shield. United Shield International is an ISO 9001 & 14001 certified company.



International  
United Shield International Ltd.  
56 South Way, Walworth Industrial Estate, Andover,  
Hampshire, SP10 5AF, England  
Phone: +44 (0)1264 363 606, Fax +44 (0)1264 363 666  
Email: sales@unitedshield.com, www.unitedshield.com

North America  
United Shield International LLC  
1606 Barlow St, Unit 1, Traverse City  
MI 49686, USA  
Phone: +1 231 933 1179, Fax: +1 231 933 5368  
Email: unitedshield\_brian@gmail.com, www.unitedshield.com