

**TOWN OF PRESCOTT VALLEY
REQUEST FOR COUNCIL ACTION**

Date: April 11, 2013

SUBJECT: Tactical Vests for SWAT – Budget Transfer

SUBMITTING DEPARTMENT: Police

PREPARED BY: Candi McElhaney, Administrative Supervisor for James Edelstein,
Interim Chief of Police

AGENDA LOCATION: Comments/Communications , Consent , Work/Study ,
New Business , Public Hearing , Second Reading

ATTACHMENTS: none

SUMMARY BACKGROUND: A bulletproof vest, ballistic vest or bullet-resistant vest is an item of personal armor that helps absorb the impact from firearm-fired projectiles and shrapnel from explosions, and is worn on the torso. Soft vests are made from many layers of woven or laminated fibers and can be capable of protecting the wearer from small-caliber handgun and shotgun projectiles, and small fragments from explosives such as hand grenades.



Metal or ceramic plates can be used with a soft vest, providing additional protection from rifle rounds, and metallic components or tightly woven fiber layers can give soft armor resistance to stab and slash attacks from knives and similar close-quarter weapons. Soft vests are commonly worn by police forces, private citizens, security guards, and bodyguards, whereas hard-plate reinforced vests are mainly worn by combat soldiers, police tactical units, and hostage rescue teams.

There are variations of the tactical vest from the patrol vest. The tactical vest is housed in a heavier duty carrier, with multiple pouches used to carry gear, ammunition or equipment. The tactical vest has additional ballistic coverage over the arms, neck, torso and groin regions. Tactical armor provides additional ballistic protection with the addition of a rifle trauma plate. The extra protection afforded with a tactical vest is fundamental in protecting the wearer due to the higher risk of his deployment in SWAT missions.

Body armor standards are regional. Around the world ammunition varies and as a result the armor testing must reflect the threats found locally. Law enforcement statistics show that some shootings where officers are injured or killed involve the officer's own weapon. As a result, each law enforcement agency or para-military organization will have their own standard for armor performance if only to ensure that their armor protects them from their own weapons. While many standards exist, a few standards are widely used as models. The US National Institute of Justice (NIJ) ballistic and stab documents are examples of broadly accepted standards. NIJ Standard-0101.06 has specific performance standards for bullet resistant vests used by law enforcement. This rates vests on the following scale against penetration and also blunt trauma protection (deformation):

Type I (.22 LR; .380 ACP) This armor would protect against certain small handgun rounds: 2.6 g (40 gr) .22 Long Rifle Lead Round Nose) .380 ACP Full Metal Jacketed Round Nose (FMJ RN)

Type IIA(9 mm; .40 S&W; .45 ACP) This armor would protect against certain handgun rounds: It also provides protection against the threats mentioned in [Type I].

Type II (9 mm; .357 Magnum) This armor would protect against certain handgun rounds. New armor protects against 8 g (124 gr) 9 mm FMJ RN bullets.357 Magnum Jacketed Soft Point bullets It also provides protection against the threats mentioned in [Types I and IIA].

Type IIIA (.357 SIG; .44 Magnum) This armor would protect against certain large and faster handgun rounds: (125 gr) .357 SIG FMJ Flat Nose (FN) bullets at a velocity .44 Magnum Semi Jacketed Hollow Point (SJHP) bullets.44 Magnum Semi Jacketed Hollow Point (SJHP) bullets. It also provides protection against most handgun threats, as well as the threats mentioned in [Types I, IIA, and II].

Type III (Rifles) Conditioned armor protects against certain rifle rounds It also provides protection against the threats mentioned in [Types I, IIA, II, and IIIA].

Kevlar vests are guaranteed for 5 years from the date of manufacture. This is because bending from normal wear can weaken the Kevlar layers, as can environmental factors such as humidity and temperature. Studies indicate that heat and moisture have a degrading effect upon bullet resistant vests, which can result in them losing their effectiveness. The life expectancy of the vest will vary depending upon the circumstances they are used.

Tactical vests endure the harshest conditions of extreme temperature and humidity exposure due to minimum training standards, deployments and conditions associated of each. This potentially life-saving equipment should be replaced at a minimum at the end of warranty period being five years from date of manufacture.

Our SWAT tactical vests were issued in February 2008, providing a warranty until February 2013. They are similar to the photo above and have a level IIIA / level III with ballistic plate installed. They are also stab resistant. Replacement of these vests is an immediate need for the protection of our SWAT personnel.

PREVIOUS ACTIONS: none

OPTION ANALYSIS: The Council may vote to:

- 1.) approve the budget transfer to fully fund these purchases, **OR**
- 2.) not approve this budget transfer, **AND/OR**
- 3.) direct staff to pursue other options

ACTION OPTION: Motion to approve this Budget Transfer in the amount of \$37,292.56 from the Town Contingencies, as outlined in the Fiscal Analysis, **OR** Motion not to approve the budget transfer.
VOTE.

RECOMMENDATION: Staff recommends approval of the budget transfer.

FISCAL ANALYSIS: This request is for a budget transfer of funds from the Town contingency funds to the Police Patrol uniform account in the amount of \$37,293.00. There is a possibility that this required amount may be reduced if lower prices are negotiated.

FISCAL YR 2012/2013	Approved Budget:	\$0.00	FISCAL YR 2012/2013
	Expended & Encumbered:	\$0.00	
	SWAT Vest Purchase	-\$37,292.56 < this action	
	Budget Transfer:	<u>\$37,293.00</u> < this action	
	Balance:	\$0.44	

FISCAL YR 2012/2013	Approved Budget:	\$40,200.00	FISCAL YR 2012/2013
	Budget Transfer:	<u>-\$37,293.00</u> < this action	
	Balance:	\$2,907.00	

REVIEWED BY:

Management Services Director _____

Town Clerk _____

Town Attorney _____

Town Manager _____

COUNCIL ACTION:

Approved Denied Tabled/Deferred Assigned to _____