

E-6a

**WEST HARRISON
FIRE DEPARTMENT**

February 5, 2013

- Chief Steven Mancini of the West Harrison Fire Department is requesting permission for the Comptroller to appropriate \$62,580.00 from Fire District #1 Fund Balance for the following reason.
- The above amount is necessary to Upgrade and Retrofit (24) existing SCBA (Self Contained Breathing Apparatus) to NFPA 1851 requirements regarding Firefighter Health and Safety.
- This NFPA mandate will retrofit existing SCBA to NFPA 2007 standards. Outline of work detailed in additional attachment. Additionally, NFPA is releasing a 2012 Mandate in June of 2013 that will make additional changes to the current requirements, which will cost more to do. If current SCBA meets the 2007 standard, the SCBA will be "grandfathered". Also upon 2012 mandate going into affect in June, any SCBA that are older than 2002 can no longer will retrofitted to the a current standard. This will result in the purchase of a new unit.
- Each retrofit will cost a total of \$3295.00 a piece. Each SCBA will also receive a (5) year warranty.
- Performing these upgrades will ultimately save the Town of Harrison a total of \$60,120.00 due to the following reasons. A new SCBA (state contract) costs a total of \$5800.00 a piece. This is a savings of \$2505.00 per unit to perform the necessary upgrades.

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QUOTE

To: West Harrison FD

From: STEVE ROSSI

Fax:

Pages:

Phone:

Date:

To standardize and upgrade your current Scott Air Paks to NFPA 1981-2007 ed, the following would be included:

- *New CBRN Regulator with required Heads Up Display for visual, auditory, and tactile air time remaining warning
- *New Regulator will pass the required heat and water immersion tests which are 350 degrees for 15 minutes and immersion to 5 feet of water for 15 minutes
- *RIC/UAC connector for Rapid Intervention Filling with a Universal Connection allowing a quick fill option for a distressed firefighter and a connection for all Air Paks
- *New HUD and Pressure Gauge as opposed to single source of monitoring air time. Control console will have a reset button, back lighting for visibility, and battery life test procedure.
- *New PASS alarm device requiring 5 position user signal clarity so that a distressed firefighter's alarm can be heard at 95-100 decibels. PASS alarm will now withstand a 3 hour destructive tumble test.
- *Data logging will be required for all PASS alarms logging the most recent 200 events.
- *New Facemasks will comply with a performance test of 85% score from 10 feet for clarity and Carbon Dioxide standard of 1% or less in facepiece.
- *PAK Tracker installed in PASS will emit a 2.46 GHZ high frequency radio wave when firefighter is motionless or when the emergency red distress button on console is engaged. This radio wave would be received by a PAK TRACKER Receiver and charging station and alert the officer in charge that there is an emergency situation. BY following a visual signal identification number, the firefighter could then be located.
- *New Kevlar harnesses would be installed on the Air Paks
- *Each Air Pak would be flow tested and calibrated and all results would be printed as required by NFPA
High Pressure seals would be installed on the air coupling , frames would be lubricated and checked , and new batteries installed.
- *A Complete inventory of all Air Paks would be issued to the Fire Dept.
- *New 5 year warranty is issued with each upgraded Air Pak
- *Loaner Air Paks will be supplied during the upgrade at no charge to avoid disruption of service
- *Training of new Air Paks will be provided at no charge

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February 4, 2013

**\$3,295.00 per Air Pak for upgrade

**\$285.00 per Air Pak Face Mask complete with new Velcro/ Face Mak Pouch for protection

**\$1087.00 per Pak Tracker receiver

**365.40 per Pak Tracker charging system