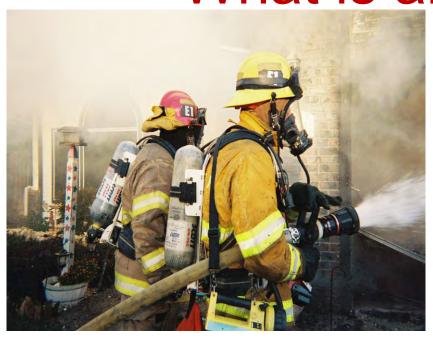




Self-Contained Breathing Apparatus (SCBA) Purchase

What is an SCBA?



- Air cylinder, facemask, regulator & pack.
- Part of PPE ensemble of turnouts, helmet, goggles and boots.



Replacement of SCBA

- NFPA 15 year replacement requirement for cylinders
- OSHA Respiratory requirement
- Last purchase AFG Grant with Scott Brand
- Original goal this year AFG Grant
 - DOT Challenge
- Switch-Radios AFG SCBA's General Fund



Replacement of SCBA

- Original estimates in the \$650,000+ range.
- CAL FIRE Incident Management Team Assistance
 - State of California- State wide bid for CAL FIRE to purchase SCBA's.
 - A substantial discount by Scott Mfg.
 - Required other vendors to sharpen their pencil to be competitive.



Evaluation & Bid Process

- Committee Formed
- Formal Request for Information
 - Six manufacturers of SCBAs invited
 - Requested to present their product & answer questions from the committee.
 - Only 2 showed up to present

Evaluation & Bid Process

- At the conclusion of the evaluation, it was determined that both MSA and Scott were qualified bidders and could meet the Department's delivery timeline.
- A formal Request for Quotation was sent to both firms.

Bid Process

- Bids were received from both vendors
 - MSA/Bauer received by the bid deadline.
 - AllStar Fire/Scott received after the bid deadline.
 - Both bids included in our evaluation.



Bid Comparisons

MSA

\$362,351.63

- \$ 15,750.00

\$346,601.63

SCOTT

\$347,434.02

YCFD

MSA will provide YCFD with five free lithium ion rechargeable batteries each year of the equipment's 15-year life (75 batteries) with a value of \$15,750.

Field Testing

- Each manufacturer was requested to provide us with six (6) SCBAs for field testing by our Department personnel.
- Members of Yuba City Fire tested each SCBA as part of shift drills or exercises.

Field Testing

- When field testing was completed, the Committee conducted a survey of user preference.
- 86% preferred the MSA SCBA
- Department's SCBA technicians prefer the MSA

MSA G1 SCBA

- Remote Quick Connect
- Facepiece
- Adjustable Lumbar Pad
- Configurable to Air Time Remaining
- Digital Screen with Big Numbers
- Rechargeable Battery



Dollar vs. Value

- SCBA vital to the Fire Service.
- Integral Part of PPE
- Drastically reduce maintenance budget/ warranty

- 86% of YCFD personnel prefer the MSA G1 SCBA.
- Grass roots decision process – Vested interest in firefighter's health and well-being



Recommendation

- A. Best interest of the City to go with MSA.
- B. Supplemental appropriation for purchase of MSA SCBAs and related equipment.
- C. Supplemental appropriation for purchase of SCBA mounting equipment from Golden State Emergency Vehicle Service.