



## 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

*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.

