

Addendum #1

Self-Contained Breathing Apparatus for Fire Department

RFP Job #14-22-FD

Questions and City Response

May 2022

1. In the 2018 edition of NFPA 1981 a universal RIC/UAC fitting, and Heads-up display are included in the standard, but they also allow options such as Universal Buddy Breathing manifold (UEBSS) with Rectus fittings, a Rectus quick-disconnect fitting, compatible with the UEBSS on the low-pressure hose between the first stage pressure reducer and second stage mask mounted regulator, and the choice of Quick-Disconnect or CGA-347 for the cylinder/first stage reducer interface. I see that compatible Buddy-breathers listed as part of the Equipment Requirements, but could you confirm if you would like any of the other options listed as part of the SCBA or as a separate line item?

We will need a compatible Buddy-breather for 2018 version of the NFPA 1981 and we like the Quick-Disconnect on the cylinder.

2. In the 2018 edition of NFPA 1981 the masks are required to meet a voice intelligibility requirement, but not a powered amplifier. Most compliant SCBA manufactures offer a mask that passes the standard without a powered amplifier and offer the powered amplifier as well as radio interface as options. Could you confirm if you would like a powered amplifier listed as part of the mask or listed as a separate line item?

Please list the mask by itself and any potential add-ons as an option on a separate line item. For demonstration purposes, if the common size that fits people is a size medium mask, please provide 2 Medium, 1 Large, 1 Small. In addition, if there are upgrades like powered amplifier, Bluetooth comms, built in TIC, etc., please provide a minimum of one Medium mask to demonstrate the option (unless 2 are needed to send and receive) Please list any add-ons as an option on a separate line item.

3. The SCBA cylinder manufacture for all of the compliant SCBA, Luxfer offers customizing with the department's logo. Is this something you would like included in the base pricing or as an option?

Please include the price of the logo as an option.

4. For the escape packs, do you have a specific duration of the escape cylinder to be listed (5, 10, 15 minute)?

15-minute bottle

5. We have received a copy of your RFP for replacement SCBA, and are preparing the equipment to be used for demonstration and evaluation. We plan to have the majority of the equipment shipped directly to the department and having a representative follow to perform demonstration operation and function for your department staffing. Could you provide the shipping address to send the equipment to?

123 5th Ave, Kirkland, WA 98033. Please address to **Kirkland Fire Department, Attn. Greg Picinich**

6. Could we schedule time on either May 30 or June 1 for our equipment demonstration?

Schedule directly with Greg Picinich, gpicinich@kirklandwa.gov

7. What is the expectation for "periodic" training?

We currently have 3 technician level SCBA repair techs on our team. We want access to classes so that they can be qualified to work on the SCBA's for routine maintenance, on-site repairs, annual flow testing and refresher training as needed. Minimum once per year availability.

8. What timeframe would you prefer to have the SCBA presentation?

We would like it when the equipment is delivered, or as soon after as we can get scheduled. The presentation will be to up to 4 people. These are the ones who will introduce them to the rest of the department.

9. Does your department prefer to have the evaluation during the same period as the presentation?

We would like the presentation to the SCBA team/ shift reps (up to 4 people). The SCBA team will then introduce the equipment to the rest of the department so that they have the ability to evaluate over approximately a 30-day period.

10. What brand and model of radio does Kirkland FD use?

Motorola apx 6000 xe,

11. What are the specific expectations of compatibility required with surrounding departments?

We desire compatibility with buddy breathers, RIT kits, and any other emergency procedures

12. What size cylinder is desired as part of the SABA system?

15 min for escape packs

13. What current low-pressure fitting is utilized on the SABA system?

"cjen" fitting

14. Considering the NFPA 1981-2018 change of the low-pressure fitting on the SCBA to be a Rectus fitting, does Kirkland Fire want the SABA system to be bid with the Rectus?

Yes, we want the SABA systems to be interoperable with air packs

15. To be compatible with neighboring agencies, does Kirkland Fire want vendors to bid a quick connect fitting on the 2nd stage regulator? This is how Kirkland's current SCBA, along with their neighbors are configured.

Yes.

16. Mask fit testing is accomplished one of two ways. Negative pressure or measuring particulate inside of the mask. Does Kirkland Fire have a preference on the machine? This may result in some vendors not bidding this line item.

Quantitative testing. Particulate in the mask.

17. What operating pressure would Kirkland Fire like the vendors to bid? 4500 psi or 5500 psi?

5500 psi

18. The specification states that 14 of the 60min cylinders will be for RIT, what will the other 6 be used for?

Air cart, air bags, tool use, plus a couple spares.

19. Does the department currently use a PAPR that would be preferred for compatibility? If so, will you provide a model number?

The ones we have are no longer made and parts are not available for repairs. We don't need compatibility.

20. Should these be CBRN or non-CBRN PAPRs?

Non-CBRN

21. Should the buddy breather be a part of the SCBA spec or would the department like it priced separately as an option?

The buddy breather should be priced as part of the SCBA spec.

22. Is the "trans fill line" meant to be the UAC connection or a hose with pouch? If hose and pouch, would the department like it to be a part of SCBA spec or priced separately as an option?

The "trans fill line" is meant to be the UAC connection. The hose that comes in the RIT kit is sufficient.

23. 5 minute, 10 minute, or 15 minute escape bottles for SABA? Aluminum or carbon bottles?

15 min. Carbon

24. Does the department want SABA to include masks or will department use from mask inventory?

Use from mask inventory

25. What quick disconnect fitting on the escape packs would the department like for SABA – Snap-Tite, Hansen, Foster, or CEJN? If Snap-Tite, would you like them to be aluminum, stainless steel, brass, and locking or non-locking for any of those metals? If Hansen, would you like them to be stainless steel or brass? If Foster, would you like them to be steel, stainless steel, or brass?

CEJN

26. We are interested in a trade-in program for your old SCBA, can you provide an inventory of what the department would like to trade-in?

We have 72 Scott air packs (About 5 are in need repair.) Appx 120 masks. Approx. 140, 5500 psi bottles. 10 years old.