

INVITATION FOR BIDS

The Makanda Township Fire Department will receive sealed bids until **7:00 p.m.** on the **8th day of March, 2022** at the office of the Fire Chief: Makanda Township Fire Department, 5420 Old Highway 51, Carbondale, IL 62903. They will be opened at the board meeting on the 8th day of March, 2022 at Unity Point School, 4033 S. Illinois Avenue, Carbondale, IL 62903, at which time and place all bids will be opened and read aloud for the equipment as described hereafter.

The letter or envelope must state “SCBA BID PROPOSAL”.

Bids may be hand delivered or mailed to Makanda Township Fire Department.

The Makanda Township Fire Department reserves the right to accept or reject any and/or all bids or portions thereof, or to waive any informalities in the bidding. The Makanda Township Fire Department intends to accept the lowest and best competent bid if it meets specifications and conditions. Bids may be held by the Makanda Township Fire Department for a period not to exceed thirty (30) days from the date of the opening of the bids for the purpose of reviewing and investigating bid items prior to award of bids.

The Makanda Township Fire Department is not responsible for proposals which are placed in the mail which do not arrive by the deadline. Proposals received after the deadline will not be considered. Each proposal shall be made on Attachment A and must be signed. The complete mailing address must be stated.

All bids shall meet or exceed specifications.

Instructions to Bidders

1. clearly indicated and contain justification statements. The Makanda Township Fire Dept shall be the sole judge as to the suitability of the service or equipment offered for the intended purpose from the alternate bid.
2. Any exceptions to these terms or conditions or deviations from written specifications shall be shown in writing and attached to the Bidder’s Proposal.
3. the equipment, and parts
of the items they are bidding.

SCBA BID PROPOSAL

The Makanda Township Fire Dept is accepting bid proposals on Self Contained Breathing Apparatus. The selection will not be made on pricing alone but will take into account every aspect of the SCBA to include but not limited to; warranty, comfort, durability, and options. There is no expressed or implied obligation of the Makanda Township Fire Dept to reimburse responding applicants for any expenses incurred in preparing proposals in response to this request.

Background Information

The Makanda Township Fire Dept is adding 8 new MSA G1 self-contained breathing apparatus including harness, masks, cylinders and **8** spare cylinders.

Scope of Services

The Makanda Township Fire Dept seeks bids for NFPA 1981/1982 2018 Edition Self Contained Breathing Apparatus and associated equipment. Any recommended deviations will be addressed in the bid.

Specifications for Proposal

1. Firm Name, Address, and Contact Information (email and phone number)
2. Delivery of services shall begin upon acceptance of a contract or issuance of a bid award to the successful bidder, and in consideration of mutually agreeable scheduling.
3. Bidder agrees to comply with any federal, state, county or local regulations required.

Notice to Bidders

Attached for your review are the specifications the Makanda Township Fire Dept will be utilizing for the purchase of Self-Contained Breathing Apparatus (SCBA's) and related equipment. The mention of manufacturers name or part number is not intended to exclude any vendor of a different brand from submitting a bid, it is intended as a description only. We encourage all vendors to submit a proposal.

Self-Contained Breathing Apparatus Bid Sheet

Bid Sheet should include all items listed below. The Makanda Township Fire Dept is seeking bid proposals to provide the following items per specifications:

- 1) **#8 – 4500 PSI, 30-minute Self Contained Breathing Apparatus (SCBA) complete with harness assembly, push to connect face piece, air cylinder with quick- connect cylinder connection, CBRN compliant regulator, voice amplifier.**

- 2) **# 8 – Additional 4500 PSI 30-minute carbon fiber air cylinders quick connect cylinder connection.**
- 3) **General:** All components of the SCBA must comply with NFPA 1981/1982, 2018 edition.
- 4) **Carbon Cylinders:** The carbon cylinders shall be built around DOT specifications and have a working pressure of 4500 psi. Air cylinders received that are more than ninety (90) days beyond their manufacture date will not be accepted.
- 5) **Frame and Harness:** The frame and harness must be the manufacturer's most ergonomic assembly and able to accommodate a 4500 psi, 30-minute cylinder. Standard harness with chest strap and swiveling, adjustable lumbar pad. All items listed in NFPA 1981, such as the Heads-Up Display (HUD), air pressure gauges, low air warning system, storage clip for hanging face piece, etc. shall be included on the SCBA harness.
- 6) **RIT Connection:** All SCBA's shall be equipped with an RIC UAC male fitting to allow replenishment of breathing air to the SCBA breathing air cylinder. This fitting shall be located near the cylinder valve. In addition, the SCBA shall be equipped with a secondary means of supplying air to a downed firefighter.
- 7) **Integrated PASS Device:** Each SCBA shall come equipped with an integrated PASS device that will notify rescuers and other firefighters both audibly and visually in the event of a firefighter in distress. The alarm will automatically activate if the firefighter is motionless for 20 seconds or can be manually activated from the control module located at the shoulder. The integrated PASS device must comply with NFPA 1982 Standard, 2018 Edition.
- 8) **Battery Module:** The battery module shall be a single power source/rechargeable Two batteries for each pack will be supplied.
- 9) **Face piece:** Shall be designed without electronic components to minimize weight with neck strap and cloth harness
- 10) **Mask-Mounted Regulator:** Push to connect with various flow bypass.
- 11) **Voice Amplifier:** The SCBA shall have a means of providing clear communication such as a voice amplifier.
- 12) **Function Testing SCBA:** Before delivering the SCBA, a function test shall be performed on each SCBA. This shall be a complete function test; not just a flow test. A copy of the computer-generated report shall be provided with each unit to verify the units are in optimum functioning condition prior to their delivery.

- 13) **Fit Testing:** All personnel will have a quantitative fit test completed to determine properly sized masks. A computer-generated report shall be provided for each person tested.
- 14) **Warranties:** Please list all warranties for your product. Please include the main SCBA, electronics, pressure reducer, face piece, cylinder, etc.

15) Additional Requirements:

- The bidder shall be an authorized sales and service center for the product bid.
- The successful bidder shall provide basic operation training classes to all firefighting members of the Makanda Township Fire Department
- The successful bidder shall provide a Level I maintenance training class to at least 3 fire department personnel.
- All vendors shall include product specifications for all items within this bid request to allow for adequate comparisons of various manufacturers.
- All SCBAs and components shall be delivered to Makanda Township Fire Dept.
- ANY additional options; escape harness, communication devices, tracker systems, telemetry, face pieces, RIT packs, spectacle kits for face pieces, APR cartridges, etc. should be listed. Please provide an itemized cost for any available options.
- The quoted price for any purchased items will be considered good for sixty (60) days following the bid award date.
- List addition on a separate quote for **Charging Station, Quick Connect adapter, Adapter Assy, Quick Connect to ¼ NPT F for air compressor, Battery Pack**

Failure to include any of this requested information is grounds to have the bid disqualified.

THIS FORM MUST BE COMPLETED FOR THE BID TO BE ACCEPTED.
 IF NOT COMPLETED, THE BID WILL BE DEEMED NON-RESPONSIVE AND NOT CONSIDERED.

MANUFACTURER: _____
 TOTAL BID PRICE: _____
 Vendor Name: _____
 Authorized Person Name: _____
 Authorized Signature: _____
 Signature: _____
 Vendor Address: _____

 Telephone Number: _____
 Fax Number: _____
 Email Address: _____

A dealer quote may also be attached in addition to the above forms.

INSTRUCTION TO BIDDER: Listed above are 15 categories which outline the SCBA specification. The specifications are numbered and highlighted with bold faced print. Please indicate that your bid documents comply with all 15 categories.

COMPLY: _____ EXCEPTION: _____

PRINT NAME: _____ SIGNATURE: _____

If you have taken an exception to any of the 15 categories, please identify the number and name of the category and list below a detailed reason for the exception.

Justification of exception: