



Request For Bid (RFB)

Boone County Purchasing
601 E. Walnut, 2nd Floor
Columbia, MO 65201

Marlene Ridgway, Buyer
573/886-4392 - FAX 573/886-4390
Email: mridgway@boonecountymo.org

Bid Data

Bid Number: 42-18JUN02
Commodity Title: Confined Space Equipment and Accessories

DIRECT BID FORMAT OR SUBMISSION QUESTIONS TO THE PURCHASING DEPARTMENT

Bid Submission Address and Deadline

Day / Date: TUESDAY – JUNE 18, 2002
Time: 1:25 P.M. (Bids received after this time will be returned unopened)
Location / Mail Address: **Boone County Purchasing Department**
Boone County Johnson Building
601 E. Walnut, 2nd Floor
Columbia, MO 65201

Directions: The Johnson Building is located on the Northeast corner at 6th St. and Walnut St. Enter the building from the East Side. Wheel chair accessible entrance is available on the West side of the building.

Bid Opening

Day / Date: TUESDAY – JUNE 18, 2002
Time: 1:30 P.M.
Location / Address: **Boone County Johnson Building Conference Room**
601 E. Walnut, 2nd Floor
Columbia, MO 65201

Bid Contents

- 1.0: **Introduction and General Terms and Conditions of Bidding**
- 2.0: **Primary Specifications**
- 3.0: **Response Presentation and Review**
- 4.0: **Response Form**
Standard Terms and Conditions

1. Introduction and General Conditions of Bidding

- 1.1. **INVITATION** - The County of Boone, through its Purchasing Department, invites responses, which offer to provide the goods and/or services identified on the title page, and described in greater detail in Section 2.
- 1.2. **DEFINITIONS**
- 1.2.1. **County** - This term refers to the County of Boone, a duly organized public entity. It may also be used as a pronoun for various subsets of the County organization, including, as the context will indicate:
Purchasing - The Purchasing Department, including its Purchasing Director and staff.
Department(s) or Office(s) - The County Department/s or Office(s) for which this Bid is prepared, and which will be the end user(s) of the goods and/or services sought.
Designee - The County employee(s) assigned as your primary contact(s) for interaction regarding Contract performance.
- 1.2.2. **Bidder / Contractor / Supplier** - These terms refer generally to businesses having some sort of relationship to or with us. The term may apply differently to different classes of entities, as the context will indicate.
Bidder - Any business entity submitting a response to this Bid. Suppliers, which may be invited to respond, or which express interest in this bid, but which do not submit a response, have no obligations with respect to the bid requirements.
Contractor - The Bidder whose response to this bid is found by Purchasing to meet the best interests of the County. The Contractor will be selected for award, and will enter into a Contract for provision of the goods and/or services described in the Bid.
Supplier - All business(s) entities which may provide the subject goods and/or services.
- 1.2.3. **Bid** - This entire document, including attachments. A Bid may be used to solicit various kinds of information. The kind of information this Bid seeks is indicated by the title appearing at the top of the first page. An "Invitation For Bid" is used when the need is well defined. An "Invitation For Proposal" is used when the County will consider solutions, which may vary significantly from each other or from the County's initial expectations.
- 1.2.4. **Response** - The written, sealed document submitted according to the Bid instructions.
- 1.3. **BID CLARIFICATION** - Questions regarding this Bid should be directed in writing, preferably by fax or e-mail, to the Purchasing Department. Answers, citing the question asked but not identifying the questioner, will be distributed simultaneously to all known prospective Bidders. Note: Written requirements in the Bid or its Amendments are binding, but any oral communications between County and Bidder are not.
- 1.3.1. **Bidder Responsibility** - The Bidder is expected to be thoroughly familiar with all specifications and requirements of this Bid. Bidder's failure or omission to examine any relevant form, article, site or document will not relieve them from any obligation regarding this Bid. By submitting a Response, Bidder is presumed to concur with all terms, conditions and specifications of this Bid.
- 1.3.2. **Bid Amendment** - If it becomes evident that this Bid must be amended, the Purchasing Department will issue a formal written Amendment to all known prospective Bidders. If necessary, a new due date will be established.
- 1.4. **AWARD** - Award will be made to the Bidder(s) whose offer(s) provide the greatest value to the County from the standpoint of suitability to purpose, quality, service, previous experience, price, lifecycle cost, ability to deliver, or for any other reason deemed by Purchasing to be in the best interest of the County. Thus, the result will not be determined by price alone. The County will be seeking the least costly outcome that meets the County needs as interpreted by the County.
- 1.5. **CONTRACT EXECUTION** - This Bid and the Contractor's Response will be made part of any resultant Contract and will be incorporated in the Contract as set forth, verbatim.
- 1.5.1. **Precedence** - In the event of contradictions or conflicts between the provisions of the documents comprising this Contract, they will be resolved by giving precedence in the following order:
1) the provisions of the Contract (as it may be amended);
2) the provisions of the Bid;
3) the provisions of the Bidder's Response.
- 1.6. **CONTRACT PERIOD** - Any Term and Supply Contract resulting from this Bid will have an initial term from date of award through December 31, 2002, and may be automatically renewed for an additional two (2) years unless canceled by either party commencing with execution of Contract (or on another mutually agreeable start date.)
- 1.7. **COMPLIANCE WITH STANDARD TERMS AND CONDITIONS** - Bidder agrees to be bound by the County's standard "boilerplate" terms and conditions for Contracts, a sample of which is attached to this Bid.

2. Primary Specifications

- 2.1. **ITEMS TO BE PROVIDED** – New 2002 Model Year Confined Space Equipment and Applied Accessories with all the manufacturer's standard equipment and those features listed.
- 2.1.1. **Note:** The following specifications reference brand specific equipment in order to set the standard for quality expected. The County will allow bidder to propose equivalent equipment only if it meets or exceeds the standard set. It is the bidders responsibility to identify the brand of the equivalent in their response and to provide adequate documentation to support the equivalent. Interpretation of "equal" is to be determined at the sole discretion of the County.
- 2.2. **Category A – Multi-Gas Monitor Minimum Technical Specifications**
- 2.2.1. **Quantity:** 1 each
- 2.2.2. **Multi-Gas Monitor:** Aim Full-Featured Compact Model 651 or Equal. Full data logger capabilities for data control and management; integral charging system for 12 VDC and 110 VAC.
- 2.2.3. **Sensors:** **Electrochemical:** Carbon Monoxide (CO) alarm point at 35 ppm, TWA at 35 ppm, STEL at 200 ppm, Measuring Range of 0-1500 ppm, Resolution of 1 ppm, Absolute Maximum of 1500 ppm, Response Time to 90% at 20 seconds, Clean Out Time to 10% at 60 seconds. Hydrogen Sulfide (HS) alarm point at 10.0 ppm, TWA at 10.0 ppm, STEL at 15 ppm, Measuring Range of 0-250 ppm, Resolution of 0.1 ppm, Absolute Maximum of 500 ppm, Response Time to 90% at 30 seconds, Clean Out Time to 10% at 60 seconds, and Oxygen (OX) alarm point at 19.5% and 23.0%, Measuring Range of 0-25.0%, Resolution at 0.1%, Absolute Maximum at 30.0%, Response Time to 90% at 15 seconds, Clean Out Time to 10% at 60 seconds. Separate LCD displays – one for each gas sensor reading. **Catalytic Bead:** Combustible (CB) alarm point at 10% LEL, Measuring Range of 0-100% LEL, Resolution of 1% LEL, Absolute Maximum of 100% LEL, Response Time to 90% at 15 seconds, Clean Out Time to 10% at 45 seconds.
- 2.2.4. **Hazardous Area Rating:** Safe for use in Class 1, Groups A, B, C and D locations.
- 2.2.5. **Operating Temperature / Humidity / Pressure:** Unit shall be designed to operate within a temperature range of –4 to 122°F, 15% to 90% Relative Humidity, non-condensing and 900mBar to 110mBar pressure.
- 2.2.6. **Construction:** High strength ABS composite plastic with air pocket rubber boot. Sealed and water resistant to protect electronics.
- 2.2.7. **Air Sampling Modes:** Aspiration via integral pump (**no extra equipment required**). Diffusion – meter is not dependent on pump to operate.
- 2.2.8. **Pump:** Field quick-change replaceable pump. Pump lifetime shall be a minimum of 3000 hours of operation.
- 2.2.9. **Alarm:** 80dB @ 1 meter minimum.
- 2.2.10. **Auto Shut Off:** Pump shuts off automatically and operator is warned when pump flow is restricted.
- 2.2.11. **Radio Frequency Protection:** Immune to interference from a cellular phone or 5 watt walkie-talkie when placed no less than one foot away.
- 2.2.12. **Data Storage:** Incident: Alarm triggered Gas-data collection. Interval: Time-stamped Gas-data. Survey: Location specific Gas-data.
- 2.2.13. **Battery:** Alkaline AA cells with 8.5 hours of operating life with pump operation.
- 2.2.14. **Accessories:** Instruction booklet, carrying case, 4-gas calibration kit, calibration hood, sure-grip rubber protective sleeve, stainless steel belt clip, 16 foot tubing and technical support.
- 2.2.15. **Warranty:** Lifetime.
- 2.3. **Category B – Air-purifying Respirator Minimum Technical Specifications**
- 2.3.1. **Quantity:** 2 each
- 2.3.2. **Respirator:** MSA Advantage 1000 or Equal. Black with speaking diaphragm, nose cup and Multi-Gas / Vapor/ P100 filter cartridges.
- 2.3.3. **Mask Size:** Medium and Large
- 2.3.4. **Components:** Super-soft Hycar rubber. The facepiece shall have an in turned lip seal that provides a seal for a wide range of facial contours. The flexible urethane lens shall be integrally bonded to the face piece. A speaking diaphragm for clear, short-range communications, and a nose cup to reduce lens fogging in low temperatures or high-humidity conditions.
- 2.3.5. **Warranty:** 1 year minimum against defects in materials and workmanship.

2. **Primary Specifications (cont.)**
- 2.4. **Category C – Self-contained Breathing Apparatus Minimum Technical Specifications**
- 2.4.1. **Quantity:** 1 each
- 2.4.2. **SCBA Breathing Apparatus:** MSA WorkMask II or Equal. Economical, lightweight and durable unit designed for use in industrial environments. A low pressure device with air in the cylinder pressurized at 2216 psi. minimum.
- 2.4.3. **Mask Size:** Medium
- 2.4.4. **Components:** Super-soft Hycar rubber. The face piece shall have an inturred lip seal that provides a seal against a wide range of facial contours. Flexible urethane lens shall be integrally bonded to the face piece. Shall include a 45 minute 2216 psi light weight fiberglass cylinder, regulator, airlines, communication package, back plate harness, 5 minute and 10 minute emergency escape breathing support systems.
- 2.4.5. **Warranty:** 1 year minimum against defects in materials and workmanship.
- 2.5. **Category D – Welding Respirator Minimum Technical Specifications**
- 2.5.1. **Quantity:** 2 each
- 2.5.2. **Respirator:** 3M Series 5000 or Equal. Shall be supplied with N95 filter cartridges.
- 2.5.3. **Mask Size:** Medium and Large
- 2.5.4. **Components:** Super-soft Hycar rubber. The face piece shall have an inturred lip seal that provides a seal against a wide range of facial contours.
- 2.5.5. **Warranty:** 1 year minimum against defects in materials and workmanship.
- 2.6. **Category E – Confined Space Blower/Exhaust Fan Minimum Technical Specification**
- 2.6.1. **Quantity:** 1 each
- 2.6.2. **Airflow Device:** RAMFAN UB20 8" Utility/Confined Space Blower/Exhaust Fan or Equal.
- 2.6.3. **Construction:** Airflow unit shall be tough, durable and versatile, double-wall, polyethylene shell with a high performance, polypropylene fan blade delivering a minimum of 980 cfm of free airflow. Power shall be 1/3 hp, 115 VAC lightweight electric motor. The ventilating duct shall be 8" x 25 feet long. Unit shall be detachable in seconds with the use of an added Kwik-couple canister that reverses from the discharge to the suction.
- 2.6.4. **Accessories:** GFI plug, inlet duct adapter, duct sleeve (welding protection), 25 foot ventilating duct, duct storage canister, tank saddle vent, 90 degree swivel elbow, and Kwik-couple canister
- 2.6.5. **Warranty:** 1 year minimum against defects in materials and workmanship
- 2.7. **Category F – Additional Equipment Minimum Technical Specifications**
- 2.7.1. **Fall Protection Harness:** 1 each, MSA Tradesman or Equal, Size Large.
- 2.7.2. **Fall Protection Lanyard:** 1 each, Miller Minilite Fall Limiter Self-Retracting w/ Carabiner & Swivel Shackle or Equal.
- 2.7.3. **Lifeline Assembly:** 1 each, Sala Model 1202754, 30 foot long with a self-locking snap on one end and a tapered off opposite end or Equal.
- 2.7.4. **Tripod/Winch System:** 1 each, Salalift System, 7 foot tripod w/ winch & 60 foot ¼ " galvanized cable, y-lanyard, delta harness, winch bag and tripod carry bag or equals.
- 2.7.5. **Warranty:** Manufacturer's standard warranty shall apply.
- 2.8. **Category G – Optional Equipment Minimum Technical Specifications**
- 2.8.1. **Maintenance Spill Kit:** 2 each, 20-Gallon Spill Kits
- 2.8.2. **HAZMAT Spill Kit:** 2 each, 20-Gallon Spill Kits
- 2.8.3. **Welding Helmet:** 1 each, Jackson, Electronic Quick Change Master Welding Helmet, Variable Shade 8-12
- 2.8.4. **Coveralls:** 2 cases of 25, Standard Tyvek Protective Coveralls **(No Hood)**
- 2.8.5. **Work Glove:** 1 dozen pair, 14" Gauntlet Neoprene Coated Work Gloves, Smooth Finish, fully coated and lined to resist cuts, abrasions and punctures and to provide superior protection from acids, caustics, oils, greases and solvents.
- 2.8.6. **Storage Cabinet:** 1 each, Stronghold Wardrobe Model 46-W-245 w/ 1 hanger shelf and 4 closet shelves.
- 2.8.7. **Storage Cabinet:** 1 each, Stronghold Floor Model 46-244 w 4 shelves.

2. Primary Specifications (cont.)

2.9. ADDITIONAL TERMS AND CONDITIONS:

- 2.9.1. Vendor should include complete descriptive product literature for proposed equipment.
- 2.9.2. Vendor shall be required to provide **on-site training** in the proper use and maintenance of the equipment at no cost to the County. Successful vendor shall schedule the training with the Boone County Public Works Department Fleet Operations Superintendent and Safety Coordinator, Sam Amick @ (573-449-8515, ext. 226 within two (2) weeks of being awarded the contract.
- 2.9.3. Bid evaluation shall be based upon quality, reliability, delivery time ARO, and cost. Quality and reliability may be determined by using information contained in product reviews from established publications.
- 2.9.4. **Deviations:** It is the bidder's responsibility to submit a bid that meets all mandatory specifications stated within. Because of the complexity and number of equipment, the bidder must compare their product bid with the required listed minimum specifications and identify any deviations. Failure to properly identify deviations may render the bidder's proposal non-responsive and not capable of consideration for award. Bidders should note that a descriptive brochure of the model bid **may not** be acceptable as proper identification of deviations from the written specifications.
- 2.10. **Bid Clarification** - Any questions or clarifications concerning bid documents should be addressed to Marlene Ridgway, Buyer, 601 E. Walnut, Room 209, Columbia, Missouri 65201. Phone: (573) 886-4392 Fax: (573) 886-4390 or Email: mridgway@boonecountymo.org
- 2.11. **Designee** – Boone County Public Works Department, Maintenance Operations Division.
- 2.12. **Delivery Terms:** FOB Destination – Boone County Public Works, Sam Amick, Fleet Operations Superintendent, 5551 Highway 63 South, Columbia, MO 65201. Any deliveries shall be made FOB Destination with freight charges fully included and prepaid. The seller pays and bears the freight charges.
- 2.13. The County of Boone reserves the right to accept or reject any and all bids in the best interest of the County.

3. Response Presentation and Review

- 3.1. **RESPONSE CONTENT** - In order to enable direct comparison of competing Responses, Bidder must submit Response in strict conformity to the requirements stated herein. Failure to adhere to all requirements may result in Bidder's Response being disqualified as non-responsive. All Responses must be submitted using the provided Response Sheet. Every question must be answered and if not applicable, the section must contain "N/A." Manufacturer's published specifications for the items requested shall be included with the response.
- 3.2. **SUBMITTAL OF RESPONSES** - Responses MUST be received by the date and time noted on the title page under "Bid Submission Information and Deadline". NO EXCEPTIONS. The County is not responsible for late or incorrect deliveries from the US Postal Service or any other mail carrier.
- 3.2.1. **Advice of Award** - If you wish to be advised of the outcome of this Bid, the results may also be viewed on our web page www.showmeboone.com.
- 3.3. **BID OPENING** - On the date and time and at the location specified on the title page, all Responses will be opened in public. Brief summary information from each will be read aloud, and any person present will be allowed, under supervision, to scan any Response.
- 3.3.1. **Removal from Vendor Database** - If any prospective Bidder currently in our Vendor Database to whom the Bid was sent elects not to submit a Response and fails to reply in writing stating reasons for not bidding, that Bidder's name may be removed from our database. Other reasons for removal include unwillingness or inability to show financial responsibility, reported poor performance, unsatisfactory service, or repeated inability to meet delivery requirements.
- 3.4. **RESPONSE CLARIFICATION** - The County reserves the right to request additional written or oral information from Bidders in order to obtain clarification of their Responses.
- 3.4.1. **Rejection or Correction of Responses** - The County reserves the right to reject any or all Responses. Minor irregularities or informalities in any Response which are immaterial or inconsequential in nature, and are neither affected by law nor at substantial variance with Bid conditions, may be waived at our discretion whenever it is determined to be in the County's best interest.
- 3.5. **EVALUATION PROCESS** - The County's sole purpose in the evaluation process is to determine from among the Responses received which one is best suited to meet the County's needs at the lowest possible cost. Any final analysis or weighted point score does not imply that one Bidder is superior to another, but simply that in our judgment the Contractor selected appears to offer the best overall solution for our current and anticipated needs at the lowest possible cost.
- 3.5.1. **Method of Evaluation** - The County will evaluate submitted Responses in relation to all aspects of this Bid.
- 3.5.2. **Acceptability** - The County reserves the sole right to determine whether goods and/or services offered are acceptable for County use.
- 3.5.3. **Endurance of Pricing** - Bidder's pricing must be held until contract execution or 60 days, whichever comes first.

4. Response Form – Submit three (3) complete copies of your Response in a single sealed envelope, clearly marked on the outside, left corner with your company name and return address, the bid number and the due date and time.

4.1. Company Name: _____

4.2. Address: _____

4.3. City/Zip: _____

4.4. Phone Number: _____

4.5. Fax Number: _____

4.6. Federal Tax ID: _____

4.6.1. () Corporation

() Partnership - Name _____

() Individual/Proprietorship - Individual Name _____

() Other (Specify) _____

4.7. PRICING	UNIT PRICE	QTY	EXTENDED PRICE
4.7.1. Category A Multi-Gas Monitor per Section 2.2	_____	1 each	\$ _____
4.7.2. Category B Air-purifying Respirator per Section 2.3.	_____	2 each	\$ _____
4.7.3. Category C Self-contained Breathing Apparatus per Section 2.4.	_____	1 each	\$ _____
4.7.4. Category D Welding Respirator per Section 2.5.	_____	2 each	\$ _____
4.7.5. Category E Confined Space Blower/Exhaust Fan per Section 2.6.	_____	1 each	\$ _____
4.7.6. Category F Additional Equipment per Section 2.6.			
4.7.6.1. Fall Protection Harness	_____	1 each	\$ _____
4.7.6.2. Fall Protection Lanyard	_____	1 each	\$ _____
4.7.6.3. Lifeline Assembly	_____	1 each	\$ _____
4.7.6.4. Tripod/Winch System	_____	1 each	\$ _____

4. Response Form (cont.)

4.7.7.	Category G Optional Equipment per Section 2.7.		
4.7.7.1.	Maintenance Spill Kit	2 each	\$ _____
4.7.7.2.	HAZMAT Spill Kit	2 each	\$ _____
4.7.7.3.	Welding Helmet	1 each	\$ _____
4.7.7.4.	Coveralls (case of 25)	2 cases	\$ _____
4.7.7.5.	Work Gloves	1 dozen	\$ _____
4.7.7.6.	Storage Cabinet: Stronghold Wardrobe Model 46-W-245 w/ 1 hanger shelf and 4 closet shelves.	1 each	\$ _____
4.7.7.7.	Storage Cabinet: Stronghold Floor Model 46-244 w 4 shelves	1 each	\$ _____
4.8.	Total of All Items Bid		\$ _____

4.9. Delivery After Receipt of Order: _____

The undersigned offers to furnish and deliver the articles or services as specified at the prices and terms stated and in strict accordance with all requirements contained in the Request for Bid which have been read and understood, and all of which are made part of this order.

4.10.1. Authorized Representative (Sign By Hand):

4.10.2. Type or Print Signed Name:

4.10.3. Date: _____



Standard Terms and Conditions

Boone County Purchasing
601 E. Walnut, 2nd Floor
Columbia, MO 65201

Marlene Ridgway, Buyer
573/886-4392 - FAX 573/886-4390

1. Responses shall include all charges for packing, delivery, installation, etc., (unless otherwise specified) to the Boone County Department identified in the Request for Quotation and/or Proposal.
2. The Boone County Commission has the right to accept or reject any part or parts of all bids, to waive technicalities, and to accept the offer the County Commission considers the most advantageous to the County. Boone County reserves the right to award this bid on an item-by-item basis, or an "all or none" basis, whichever is in the best interest of the County.
3. Bidders must use the bid forms provided for the purpose of submitting bids, must return the quotation and bid sheets comprised in this bid, give the unit price, extended totals, and sign the bid.
4. When products or materials of any particular producer or manufacturer are mentioned in our specifications, such products or materials are intended to be descriptive of type or quality and not restricted to those mentioned.
5. Do not include Federal Excise Tax or Sales and Use Taxes in bid process, as law exempts the County from them.
6. The delivery date shall be stated in definite terms, as it will be taken into consideration in awarding the bid.
7. The County Commission reserves the right to cancel all or any part of orders if delivery is not made or work is not started as guaranteed. In case of delay, the Contractor must notify the Purchasing Department.
8. In case of default by the Contractor, the County of Boone will procure the articles or services from other sources and hold the Bidder responsible for any excess cost occasioned thereby.
9. Failure to deliver as guaranteed shall disqualify Bidder from future bidding.
10. Prices must be as stated in units of quantity specified, and must be firm. Bids qualified by escalator clauses may not be considered unless specified in the bid specifications.
11. No bid transmitted by fax machine will be accepted.
12. The County of Boone, Missouri expressly denies responsibility for, or ownership of any item purchased until same is delivered to the County and is accepted by the County.