

**CITY OF LINCOLN  
COUNTY OF LANCASTER**

Vince M. Mejer  
Purchasing Agent

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purchasing@lincoln.ne.gov

**QUOTATION REQUEST**

Quote Prices F.O.B. Destination  
Lincoln, Nebraska

Date - 10/10/06  
Order No. - 1822 OQ  
Date Due - 10/16/06

QUOTATIONS MUST BE RECEIVED IN  
THE PURCHASING DIVISION OFFICE BY  
THE DUE DATE SPECIFIED ABOVE

PLEASE MAKE NECESSARY VENDOR  
INFORMATION CORRECTIONS ON THIS FORM:

VENDOR INFORMATION

Return Quotation Request To
Purchasing Division K-Street Complex 440 S 8th St Ste 200 Lincoln NE 68508 Hinze, Shelly

Buyer

Item Number / Description	Quantity	UM	Unit Price	Total Price
4930401 Air Quality Monitoring Equipment Multi-Gas Confined Space Monitors Specifications Attached	4	EA	_____	_____
Mfg _____	No. _____			

Please fax your quotation back to us by 4:30 p.m. on the  
above referenced date. Fax to attention of Shelly Hinze  
at 402/441-6513.

**VENDOR MUST COMPLETE THE FOLLOWING**

The undersigned represents and warrants that he/she has full and complete authority to submit this quotation and to enter into a contract upon acceptance by the City/County. The undersigned agrees to comply with all conditions above and on reverse side of this document.

COMPANY NAME _____	BY (PRINT NAME) _____
ADDRESS _____	SIGNATURE _____
TELEPHONE _____	TITLE _____
FAX _____	DATE _____
EMAIL ADDRESS _____	DELIVERY SCHEDULE _____
	DAYS ARO _____

**Please Best Bid The Following:**

**Qty. 4 (four) each                      Multi-Gas Confined Space Monitors  
Unit Specifications and Equipped as follows:**

Four personal multi-gas monitors; each equipped to detect % oxygen, % LEL (combustible), ppm carbon monoxide, ppm hydrogen sulfide and the ability to detect one more gas with the addition of another sensor in the future. Each instrument must come with rechargeable lithium ion batteries and each must come with its own charger. Each unit must have its own internal sampling pump, come with at least 10 ft. of sampling tubing and a probe. Each unit must come with a belt clip to allow the user to wear it on his or her belt during use.

One 34 liter cylinder of calibration gas that will allow us to calibrate for all four gases (O<sub>2</sub>, CO, H<sub>2</sub>S and combustibles), along with a regulator w/ gauge and any special fittings or tubing to connect the cylinder to the units.

The instruments must simultaneously monitor and display readings for up to 5 gases on a top-mounted readout immediately visible to the user when the instruments are worn on the user's belt.

The gases being read along with the gas readings must be displayed on a Liquid Crystal Display (LCD). The backlight must be automatically activated when any alarm condition occurs. The backlight must also be user adjustable and allow for the user to manually turn on the backlight and automatically turn off at designated duration. The backlight must be programmable to be turned on for continuous illumination. Display resolution must be user selectable.

Independent user adjustable alarms must be included for high and low oxygen levels, STEL and TWA levels for toxic gases. Two distinct and independent sounding alarm set points must be provided for combustible gas levels. This will provide for a warning alarm level and a danger alarm level for all gases being detected.

Two bright red flashing LED's visible from at least three planes; an audible alarm of at least 90dB must activate and the backlight must turn on during alarm conditions. The gas or gases in alarm condition must flash and become highlighted on the display clearly indicating which gases are in alarm.

The instruments must allow the choice of rechargeable Lithium Ion or alkaline batteries. Batteries shall be housed in interchangeable snap-in battery packs that allow for a no tools needed field replacement. Either style battery pack shall provide up to 50 hours of continuous diffusion operation.

The battery chargers shall be a slip in style allowing the battery to be charged while in the instrument or independently from the instrument. The charge time shall not exceed 4 hours. The discharge rate will not exceed 20% of the batteries charged value every 30 days if left off the charger. The charging of the Lithium Ion batteries shall be inductive. There must be no wire connections or direct pin contact points on the battery or charger.

The instruments must provide both visual and audible low battery alarms

The instruments must be environmentally sealed against dust and dirt from entering the instrument. The instruments must meet IP54 for water intrusion. There must be an internal hydrophobic filter, which is easily replaced by the user. The sensor compartment must have a gasket and a water barrier filter to prevent water damage to the sensors.

The instruments must allow for diffusion use, or an internal sample draw pump for remote sampling. The internal sample draw pump shall obtain its power directly from the instrument.

The instruments must monitor proper operation of the pump automatically. Flow blockage must activate the audible and visual alarms and the display must notify the user of the cause of the alarm. The sample draw pump must shut down and the instrument must go into alarm if the sample line is blocked.

An end of service life indication must be provided with every span calibration indicating the performance condition of each sensor installed in the instrument.

The instruments shall be of modular design allowing for field upgrade ability. (Sensor interchangeability, addition/subtraction; non-datalogging to datalogging; diffusion to sample draw; etc.)

The instruments must have a manufacture's warranty of: lifetime on electronics, (2) years for O<sub>2</sub>, LEL, CO, H<sub>2</sub>S sensors, pumps, and lithium ion batteries, and, (1) year on all other sensors and accessories.

PURCHASING DIVISION  
CITY OF LINCOLN AND LANCASTER COUNTY, NEBRASKA  
INSTRUCTIONS TO BIDDERS

1. **BIDDING PROCEDURE** - A bid by a corporation must be signed in the name of such organization by a duly authorized official thereof. Any person signing a bid for a firm, corporation, or other organization must show evidence of his authority so to bind such firm, corporation, or organization. Most departments of the City of Lincoln and Lancaster County agencies are exempt from federal excise taxes and state and local sales and use taxes. Kindly bid without taxes. The City/County will be responsible for paying any taxes which may be due.
2. **FAIR EMPLOYMENT PRACTICES** - Each bidder agrees that he/she will not discriminate against any employee or applicant for employment because of age, race, color, religion, ancestry, national origin, disability, sex or marital status, and that he will take affirmative action to assure that applicants are employed and that employees are treated during employment without regard to age, race, color religion, ancestry, national origin, disability, sex or marital status.
3. **DATA PRIVACY** - Bidder agrees to abide by all applicable State and Federal laws and regulations concerning the handling and disclosure of private and confidential information concerning individuals and corporations as to inventions, patents and patent rights. The bidder agrees to hold the City/County harmless from any claims resulting from the bidder's unlawful disclosure or use of private or confidential information.
4. **INDEPENDENT PRICE DETERMINATION** - By signing and submitting this bid, the bidder certifies that: The prices in this bid have been arrived at independently, without consultation, communication or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor.
5. **CLARIFICATION OF SPECIFICATION DOCUMENTS** - Bidders shall promptly notify the Purchasing Agent of any ambiguity, inconsistency or error which they may discover upon examination of the specification documents. Interpretations, corrections and changes made to the specification documents will be made by written addenda. Oral interpretations or changes to the Specification Documents made in any other manner, will not be binding on the City/County; and bidders shall not rely upon such interpretations or changes. No addendum will be issued later than forty-eight (48) hours prior to the date and time for receipt of bids, except: An addendum withdrawing or postponing the invitation to bid.
6. **BRAND NAMES** - If and wherever in the material specifications or proposal form brand names, make, manufacturer, trade name, or vendor catalog number is specified, it is for the purpose of establishing a grade or quality of material only; and the term "or equal" is deemed to follow. It is the bidder's responsibility to identify any alternate items offered in the bid, and prove to the City/County that said item is equal to or better than the product specified. If variations are not stated in the proposal, it will be assumed that the item being bid fully complies with the City/County's specifications.
7. **DEMONSTRATION/SAMPLES** - If requested, the bidders shall, at bidder's expense, demonstrate and/or furnish samples of the exact item(s) proposed within seven (7) calendar days from receipt of such request from the City/County.
8. **DELIVERY** - Each bidder shall state on his proposal form the date upon which he can make delivery of all equipment or merchandise. F.O.B. to the City/County at the location specified by the City/County, with all transportation charges paid.
9. **WARRANTIES, GUARANTEES AND MAINTENANCE** - A copy of the manufacturer's warranties and/or guarantees for the items being bid must accompany your proposal. A copy of your company's maintenance policies and costs must also accompany your proposal. Replacement parts of defective components shall be shipped to the City/County at no cost. If defective parts are required to be returned to the bidder, the shipping costs shall be borne by the bidder.
10. **ACCEPTANCE OF MATERIAL** - The finished materials must be new, the latest make or model, of the best quality, unless otherwise specified, and the highest grade workmanship. The material delivered under this proposal shall remain the property of the bidder until a physical inspection and actual usage of this material and/or service is made, and thereafter is accepted by the City/County. The material delivered must be fully in accord with specification documents. In the event the material and/or services supplied to the City/County is found to be defective or does not conform to specification documents, the City/County reserve the right to cancel the order upon written notice to the bidder and return materials to bidder at the bidder's expense. Successful bidder shall be required to furnish title to the material, free and clear of all liens and encumbrances, issued in the name of the City of Lincoln or Lancaster County, Nebraska, as required by the contract documents or purchase orders. Selling dealer's advertising decals, stickers or other signs shall not be affixed to the equipment; vehicle mud flaps shall be installed blank side out with no advertisements. Manufacturer's standard production forings, stampings, nameplates and logos are acceptable.
11. **BID EVALUATION AND AWARD** - The signed bid shall be considered an offer on the part of the bidder. Such offer shall be deemed accepted upon issuance by the City/County of purchase orders, contract award notifications, or other contract documents appropriate to the work. No bid shall be modified or withdrawn for a period of sixty (60) calendar days after the time and date established for receiving bids, and each bidder so agrees in submitting the bid. In case of a discrepancy between the unit prices and their extensions, the unit price shall govern. The City/County reserve the right to accept or reject any or all bids, or part of bids, to waive irregularities and technicalities, and to request rebids on the material described in the specification documents.
12. **TERMS OF PAYMENT** - Unless other specification provisions state otherwise, payment in full will be made by the City/County within thirty (30) calendar days after all labor has been performed and all equipment or other merchandise has been delivered, and all such labor and equipment and other materials have met all contract specifications.
13. **LAWS** - The Laws of the State of Nebraska shall govern the rights, obligations, and remedies of the Parties under this proposal and any agreement reached as a result of this process.