

RESOLUTION NO. 893

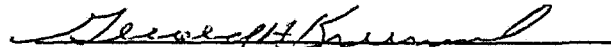
**A RESOLUTION AUTHORIZING THE PURCHASE OF A
DIAGNOSTIC ENGINE ANALYZER FOR THE CITY OF WILSONVILLE
FLEET SERVICE DEPARTMENT**

WHEREAS, the city staff used the formal bid procedure to obtain price quotations on a diagnostic engine analyzer which was budgeted for in the FY1991-92 budget and

WHEREAS, only one bid was submitted, with that bid being submitted by Allen Test Products in the amount of \$22,000.00

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Wilsonville does hereby approve the purchase of one Diagnostic Engine Analyzer as detailed in the staff report attached hereto as Exhibit "A",

ADOPTED by the City Council of the City of Wilsonville at a regular meeting thereof this 21st day of January, 1992, and filed with the Wilsonville City Recorder this same date.



GERALD A. KRUMMEL, Mayor

ATTEST:



VERA A. ROJAS, CMC/AAE, City Recorder

SUMMARY of Votes:

Mayor Krummel	<u>AYE</u>
Councilor Chandler	<u>ABSENT</u>
Councilor Carter	<u>AYE</u>
Councilor Van Eck	<u>AYE</u>
Councilor Lehan	<u>AYE</u>

EXHIBIT "A"

City of
WILSONVILLE
in OREGON

30000 SW Town Center Loop E • PO Box 220
Wilsonville, OR 97070
(503) 682-1011

**FINANCE DEPARTMENT
MEMORANDUM**

TO: ARLENE LOBLE, CITY MANAGER

FROM: RAY SHORTEN, FINANCE DIRECTOR

DATE: JANUARY 14, 1992

RE: PURCHASE OF DIAGNOSTIC ENGINE ANALYZER

The formal bid procedure was used to acquire bids for the purchase of a diagnostic engine analyzer for the Fleet Service department. The invitation to bid was published in the Daily Journal of Commerce and the Canby Herald/Wilsonville Spokesman. The only bid received was from Allen Test Products located in Tukwila, Washington, in the amount of \$22,000.00.

I am told that there are only a limited number of vendors who produce a machine capable of performing all of the functions required in our bid. According to the 1991-92 budget, funds were budgeted in equal amounts in both the Fleet Service fund and the Transit fund, for a total allocation of \$21,500, for this capital expenditure. Due to some significant savings on other equipment purchased this year in Fleet Service, there is sufficient funds available to make up for the \$500 shortfall in equipment allocation.

I would recommend we ask Council to approve this purchase of equipment from Allen Test Products in the amount of \$22,000.00.

RS:nd

City of
WILSONVILLE
In OREGON

30000 SW Town Center Loop E • PO Box 220
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INVITATION TO BID

DIAGNOSTIC ENGINE ANALYZER

The City of Wilsonville is accepting bids for one Diagnostic Engine Analyzer with four gas emission analyzer and printer and scope. All bids must be sealed and received at Wilsonville City Hall, 30000 S.W. Town Center Loop E., Wilsonville OR 97070 by 5:00 pm, January 3, 1992. Any bids received after this date and time will not be considered. Bids will be publicly opened on Monday, January 6, 1992 at 2:00 pm in the upstairs meeting room in City Hall. Specifications may be obtained at City Hall or will be mailed to all interested parties by calling the Finance Department at 682-1011.

The City reserves the right to reject any or all bids that are not in the City's best interest or any bids not complying with all prescribed public bidding procedures and requirements. Bids must include a statement whether the bidder is a resident bidder as defined in ORS 279.029. Contractors or subcontractors need not be licensed under ORS 468.883.

Ray Shorten
Finance Director

RS:nd

BID INSTRUCTIONS

1. Bids must be duly signed by authorized agent of bidder.
2. Price must be F.O. B. Wilsonville.
3. Bidder may take exception to any bid specifications by submitting exception in writing together with bid. However, any bid which varies in any material respect from the specifications may be rejected as unresponsive.
4. Warranty: Each bid shall have attached complete information concerning the equipment warranty provided.
5. A guaranteed minimum delivery date must be attached to or indicated on bid.
6. All prices shall be firm a minimum of 30 days from date of bid opening.
7. No award shall be final until approved by city Council
8. Vendor may withdraw or modify bid upto time of closing. Bids submitted after closing will be returned unopened.
9. City reserves the right to reject nay and all bids and to waive minor irregularities.
10. Questions regarding the specifications should be directed to Dave McKay, 682- 1160.
11. Submit bid in sealed envelope addressed to : (if mailed)

Ray Shorten, Finance Director
City of Wilsonville
30000 S.W. Town Center Loop E
Wilsonville OR 97070
12. Label envelope:
"One - Diagnostic Engine Analyzer"

SPECIFICATIONS

1-Diagnostic Engine Analyzer with Four Gas Emission Analyzer and Printer and Scope

1. Bar-80 level exhaust gas analyzer. To be updateable to Bar-90.
2. Diagnostic Engine Analyzer must have the following:
 - a. Ability to test starting, charging, fuel distribution, compression, timing and ignition systems for all spark ignited engines with 1 to 8 cylinders.
 - b. Automatic, manual and special functions test modes.
 - c. Fiber optic lite pen, hand held key board and remote button for data entry.
 - d. Minimum 15" CRT for computer display.
 - e. Automatic "all systems" and individual systems tests.
 - f. Manual systems tests with digital and/or bargraph readout.
 - g. Live data stream hook up to extract and process information from vehicle on-board computers.
 - h. Programmability so that changes in computer diagnostic logic can be easily done on-site via floppy disk.
 - i. Minimum 4" paper printout in "plain English" with specific diagnostic decisions and repair instructions.
 - j. Manual cylinder balance with gases.
 - k. Self test for leads and connections hook-up.
 - l. Reference code from computer to training manual.
 - m. Minimum of 5,500 specific diagnostic decisions between the analyzer and the on-board computer diagnostic link.
 - n. Explicit symptoms index.
 - o. Ability to distinguish repair, replace, or adjustment to component level.
 - p. Hard copy printout of analog ignition patterns as well as fuel injection and other waveforms on a graphics printer.
 - q. Ability to "freeze" computer displays during tests for review.
 - r. Building-block concept for networking with separate modules. Such as a future Bar-90 Emission Analyzer.
 - s. Self-diagnostics that monitor all functional parts and diagnostic memory each time unit is energized.
3. Four-Gas Emissions Analyzer:
 - a. Accurate measurement of carbon monoxide 0-10%.
 - b. Accurate measurement of hydrocarbons 0-2000.
 - c. Accurate measurement of carbon dioxide 0-20%.
 - d. Accurate measurement of oxygen 0-21%.
 - e. Network with computerized diagnostic analyzer.

Specifications/Analyzer
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4. Analog Scope:
 - a. Live "real time" testing capability.
 - b. Accurate ignition, fuel injector, alternator and carburetor wave form analysis.
 - c. Dual trace, allowing two waveforms to be displayed simultaneously.
 - d. Capability of ignition patterns to be stacked, paraded, superimposed, shifted and displayed.
 - e. Adjustable pattern gain and offset to allow close examination of any portion of the waveform.
 - f. Minimum 15" CRT display unit.
 - g. Network with computerized engine analyzer.
5. Complete stand and boom:
6. Complete training of equipment operation by training specialist.
7. On-site service by factory technicians.
8. Distributorless ignition adapter.
9. Annual software upgrade.
10. Tool box designed to store unit accessories.
11. Complete operating instruction manual(s).

Testproducts
Division
815 Industry Dr., Bldg. 19
Tukwila, WA 98188
(206) 575-1863

DATE: 12-30-91



TO: CITY OF WILSONVILLE

FROM: CHRIS MARSHALL

SUBJECT: ENGINE ANALYZER BID

THE ALLEN S.E.A COMPLIES TO YOUR BID
SPECIFICATIONS 100% ENCLOSED YOU WILL FIND OUR
FACTORY SALES ORDER FORM WITH OUR BID ALLEN OFFERS
A ONE YEAR WARRANTY ON SITE DELIVERY DATE WILL BE
30 DAYS AFTER WE HAVE A P.O. # THANK YOU FOR YOUR
BUSINESS

THOMAS S HOGAN

A handwritten signature in black ink, appearing to read "Thomas S. Hogan". The signature is written in a cursive, flowing style.

Testproducts
Division



815 Industry Dr. Bldg. 19
Tukwila, WA 98188
503/287-4489 (OR office)
503/243-8529 (Pager#)

T. Sean Hogan
Territory Manager



Testproducts Division

Kalamazoo, Michigan 49002 U.S.A. • Mississauga, Ontario, Canada

Factory Sale Order Form

SELLER: ALLEN TESTPRODUCTS DIVISION, THE ALLEN GROUP, INC.
8001 ANGLING ROAD, KALAMAZOO, MICHIGAN 49002

Order Date: _____

Purchase Order No.: _____

Sold To: City of Wilsonville

Bill To: _____

Address: 30000 SW Town center Loop E

Address: _____

City/State: Wilsonville OR

City/State: _____

Zip Code: 97070 Telephone: 503 682 1160

Zip Code: _____ Telephone: _____

County: **

Ship To: _____

Tukwila WA.

Address: _____

City/State: _____

Zip Code: _____ Telephone: _____

TERMS OF SALE	<input type="checkbox"/> 30-60-90	<input checked="" type="checkbox"/> Net 30 days
	<input type="checkbox"/> CWD	<input type="checkbox"/> Lease

PRODUCTION CODE

- New
- Reconditioned
- Demonstrator

QUAN.	MODEL NO.	DESCRIPTION	TOTAL AMOUNT	CG
1	62-760	SEA 4-GAS ASC	\$ 25595. ⁰⁰	
1	12-320	ASC Software	995	
1	60-090	Tool Box	535. ⁰⁰	
1	32-671	DIS	795. ⁰⁰	
			27920. ⁰⁰	
		Bid price	22000. ⁰⁰	

Students to attend class:	SUB TOTAL	22,000. ⁰⁰
	** % TAX	
	TOTAL	
	LESS DOWN PYMT. (CK#)	
estimated training date:	BALANCE DUE	

Tom S. Brown
Allen Representative # Date & Signature

The undersigned agrees to all of the terms and conditions above and on the reverse side hereof, which are made a part of this form.

SERIAL NUMBERS	
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Authorized Purchaser Signature and Date

SPECIAL INSTRUCTIONS CC:

DM Approval and Date