

RESOLUTION NO. 256

A RESOLUTION APPROVING THE BID SPECIFICATION AND ADVERTISEMENT FOR BIDS OF A CONTACT PRINTER/LIGHT TABLE AND VENTLESS DEVELOPER FOR THE UTILITY MAPPING SYSTEM.

WHEREAS, the City Staff has prepared a report on the above captioned subject which is attached hereto as Exhibit "A", and

WHEREAS, the City Council has duly considered the subject and the recommendation(s) contained in the staff report, and


WHEREAS, interested parties, if any, have had an opportunity to be heard on the subject,

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Wilsonville does hereby adopt the staff report attached hereto as Exhibit "A", with the recommendation(s) contained therein and further instructs that action appropriate to the recommendation(s) be taken.

ADOPTED by the City Council of the City of Wilsonville at a regular meeting thereof this 6th day of July, 1982, and filed with the Wilsonville City Recorder this same day.


WILLIAM G. LOWRIE, Mayor

ATTEST:


DEANNA J. THOM, City Recorder

CITY OF WILSONVILLE

MEMO

July 1, 1982
DATE

EXHIBIT "A"

STAFF REPORT

TO: Mayor and City Council

FROM: Larry R. Blanchard
Public Works Director

SUBJ: Approval to Bid Pin Bar Mapping System

On December 7, 1981, at the regularly scheduled Council Meeting held at Wilsonville City Hall the P.W.D. presented to Council a memo dated December 2, 1981, and titled "Utility Planning Maps." The recommendation from the memo were as follows:

1. Approval of the bid specifications for the Contact Printer/Light Table and Ventless Developer.
2. Approval to bid the Contact Printer/Light Table and Ventless Developer as soon as funds are available.

The recommendation by the Director was tabled primarily due to the lack of funds.

The Utility Planning Maps are essential to the Public Works Department in that it not only aids staff, but also developers and citizens of the community by mapping all under ground utilities for easy informational access.

The type of system being considered for mapping is the J.A. Farmer Pin Bar Mapping System. The Pin Bar System allows numerous amounts of overlays to be produced, copied, and changed without completely redrafting the entire original maps. The only work that must be done to modify a map utilizing the Pin Bar System is to revise the overlay map. The original would only be modified periodically in the event of a i.e. zone etc.

The mapping system allows for the maximum amount of mapping output in comparison with reducing the amount of man hours necessary to update maps by in some instances 50%. In essence if staff were to continue upgrading maps under the system being presently used eventually as our facilities grow, staff must also grow to keep up with continual modification of the maps.

During the discussions at the Budget Committee meetings for the fiscal 82/83 budget preparation some members of the Budget Committee raised concern regarding the purchase of the best type of mapping system.

Staff has since then reviewed other methods of mapping which are faster, but involve the inclusion of a computer and graphic printer. The cost are relatively high \$40,000 - \$60,000 as compared to the Pin Bar System between \$3,000 - \$5,000. The Pin Bar System can be easily transferred to a computer mapping system whenever necessary.

The present water, sewer, and storm drainage mainline system is mapped, however it is bulky and no reproductions can be made since it is on a blue line copy. The amount of requests from citizens, developers, and staff for information regarding the composition of our underground facilities makes it necessary to have a mapping system that can be reproduced, reduced, or modified with very little effort. As our City continues to grow and the Public Facilities expand as they have been in the past, present staff cannot keep up with changes even as they come in.

Conclusion

1. Presently the City does not have a Utility Mapping System which enables staff to readily reproduce, or modify it.
2. Informational maps will always be requested by citizens, developers and in return a printing charge would be administered to offset those costs to reproduce those maps requested.
3. In many communities a City atlas can be put together and updated periodically and sold to the public i.e. The City of Lake Oswego has a 25 page City atlas which includes street names, addresses, fire hydrants, man-holes, and mainlines, it sells for \$25.00. The City of Lake Oswego paid for their Pin Bar System in one year from the revenue received by sale of the Atlas.
4. Other mapping systems are either bulky, time consuming or to costly.
5. The Pin Bar Mapping System is easily adapted to a computer system whenever necessary.
6. The Pin Bar Mapping System provides maximum output without increasing the number of present drafting personnel.
7. The Pin Bar Mapping System would free up drafting personnel to work on other projects besides upgrading old utility maps.
8. Vast quantities of overlays can be produced on or over any original base map.

Recommendation

Approve the bid specification attached hereto in Exhibit "A";
and approve staff to advertise for bids on the Contact Printer/
Light Table and Ventless Developer.

LRB:ks

Attachments

825 /

Bid Specifications
Vacuum Contact Printer

Bids shall be received prior to _____ on _____
at City Hall - City of Wilsonville for the above equipment.

Specifications

Image Area: 42" x 54" Minimum
Overall Size: 54½" x 58" x 12" Minimum
Weight: 300 lbs Minimum
Power: 115v. AC 50-60 Hz 9 amps Minimum
12-Repo Blue 48" Fluorescent Tubes
4 Soft White 48" Fluorescent Tubes
Vacuum Pump: Vane Type Centrifugal Minimum
Digital Timer: 0.1 seconds to 99 minutes 59.9 seconds Minimum
Stand: Included
Scope: Vacuum Contact Printer Shall Expose:
-Clear Film Sepia intermediate
-Multiple overlay and registered composite
check print
-Photo Sensitive direct positive or negative
contact speed emulsions on film or paper
-Multiple exposures on registered offset plates
-Make a reproducible from semi-opaque materials
-Gang smaller size originals for simultaneous
exposures

In Addition

Multi-purpose Light Table Shall Be Able to be
used for:

- Coordinating Artwork, Layout and Masking
- Viewing and checking multiple overlay drawings
- Used as a work surface in conjunction cut and
past, etc.

Bid Specifications
Developer

Bids shall be received prior to _____ on _____
at City Hall - City of Wilsonville for the above equipment.

Specifications

- Width: 61½" (throat width 48") Minimum
- Depth: Including Feed Board 18" Minimum
Feed Board 8"
- Height: Including Rubber Feet 8" ½" Minimum
- Weight: 85 lbs Minimum weight
- Light Source: 165 watt Fluorescent 54" lamp Minimum
- Power: 115 volts AC - 50-60 Hz - 7 amps
- Scope: Developer Shall Contain the following features:
 - 15 fpm top speed (4.6 m/m) Minimum
 - Reverse
 - Ventless (outside venting not required)
 - Outlet switch for external bottle heaters
 - Lamp cooling each end to insure even printing and maximum life
 - Dual range speed control for Sipa, film and/or blue-line
 - Electronic speed control with fine tuning
 - positive stroke pump
 - Floating developer chest with flip-open top for cleaning