

**RESOLUTION NO. 879**

**A RESOLUTION AUTHORIZING THE COMMUNITY DEVELOPMENT DIRECTOR TO AWARD A CONTRACT FOR THE FOX CHASE/RIVERGREEN LIFTSTATION MODIFICATIONS TO THE LOWEST RESPONSIBLE BIDDER(S) AND REPORT BACK TO THE CITY COUNCIL FOR REVIEW AND RATIFICATION.**

WHEREAS, sewage generated by the Rivergreen subdivision is collected in a liftstation which is pumped to another liftstation in the Fox Chase subdivision. In turn, the Fox Chase sewage is pumped to a gravity sewer leading to the Wilsonville Road trunkline. The energy and maintenance resources consumed by both liftstations could be significantly reduced by the elimination of the Fox Chase liftstation. Preliminary engineering has indicated that the liftstation modifications necessary to realize the resource savings could be accomplished by an estimated amount of \$85,000; and

WHEREAS, during the Wilsonville budget adoption process, the liftstation modification project was identified and approved as a budgeted expenditure of the \$85,000 from sewer reserve fund during the 1991-92 fiscal year; and

WHEREAS, the final engineering and Request for Proposals preparation for this project has been completed by Acting City Engineer Roy Erichsen. The project has been designed and bids invited in the form of three separate construction components, thereby, allowing an award by either overall bid or by components to the lowest responsible bidder(s).

NOW, THEREFORE, THE CITY OF WILSONVILLE RESOLVES AS FOLLOWS:

1. Upon bid opening and review, the Community Development Director shall determine whether a contract should be awarded to the lowest responsible overall bidder or by components to the lowest responsible bidder on each component which is within the budget amount of \$85,000.

2. Upon making the determination as outlined above, and in order to meet weather exigencies and to take advantage of current favorable market conditions for bids received and to avoid delay and potential cost increases, the Community Development Director is authorized to enter into a contract(s) to complete the following work:

A. Gravity sewer construction and Fox Chase liftstation removal.

(Once removed, liftstation components will be returned to the treatment plant site for storage as surplus equipment.)

- B. Construction of 475 lineal feet of pressurized forcemain.
- C. Modification of the Rivergreen liftstation.

3. Authorize the expenditure of funds for the contract(s), not to exceed \$85,000, for the total work outlined in paragraph 2A, B & C from:

<u>DEPARTMENT</u>	<u>ACCOUNT NO.</u>	<u>AMOUNT</u>
Sewer Reserve	200-1-7136000	\$85,000

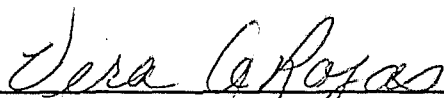
4. The Finance Director, by his signature below, has verified that funds are available in the account number mentioned in Item #3 above, for payment of all billings for this project.

 \_\_\_\_\_ 11-6-91  
 Finance Director Date

ADOPTED by the Wilsonville City Council at a regular meeting thereof this 4th day of November, 1991 and filed with the Wilsonville City Recorder this date.

 \_\_\_\_\_  
 GERALD A. KRUMMEL, Mayor

ATTEST:

 \_\_\_\_\_  
 VERA A. ROJAS, CMC, City Recorder

SUMMARY of Votes:

- Mayor Krummel       AYE
- Councilor Carter     AYE
- Councilor Chandler   AYE
- Councilor Lehan      AYE
- Councilor Van Eck    AYE




City of  
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in OREGON

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(503) 682-1011

COMMUNITY DEVELOPMENT DEPARTMENT  
MEMORANDUM

**DATE:** OCTOBER 17, 1991

**TO:** ARLENE LOBLE  
CITY MANAGER

**FROM:** STEVE STARNER   
COMMUNITY DEVELOPMENT DIRECTOR

**RE:** FOX CHASE/RIVERGREEN LIFTSTATION MODIFICATIONS

As dictated by past practice, public works projects would generally proceed in the following manner:

1. Identify need.
2. Complete preliminary engineering.
3. Obtain fiscal year budget approval.
4. Complete final engineering.
5. Obtain city council approval to initiate a request for construction proposals.
6. Obtain city council approval to recognize the lowest responsible bidder and award the construction contract.
7. Obtain city council approval for all change orders.
8. Obtain city council approval for acknowledgement of project completion and authorization of the final payment.

Specifically regarding the above referenced project, the following has occurred:

- A. Sewage generated by the Rivergreen subdivision is collected in a liftstation which is pumped to another liftstation in the Fox Chase subdivision. In turn, the Fox Chase sewage is pumped to a gravity sewer leading to the Wilsonville Road trunkline. The energy and maintenance resources consumed by both liftstations could be significantly reduced by the elimination of the Fox Chase liftstation. Preliminary engineering has indicated that the liftstation modifications necessary to realize the resource savings could be accomplished by an estimated amount of \$85,000.
- B. During the Wilsonville budget adoption process, the liftstation modification project was briefly outlined and approved as a budgeted expenditure of the sewer reserve fund during the 1991-92 fiscal year.
- C. The final engineering and RFP (Request for Proposals) preparation for this project has been completed by Acting City Engineer Roy Erichsen. As the project has been

designed, bidders are invited to submit construction proposals for three separate components:

- Schedule A. Gravity sewer construction and Fox Chase liftstation removal. (Once removed, liftstation components will be returned to the treatment plant site for storage as surplus equipment.)
- Schedule B. Construction of 475 lineal feet of pressurized forcemain.
- Schedule C. Modification of the Rivergreen liftstation.

The city then will have the option of awarding a contract to either the lowest overall bid or the lowest bid for each project component. With the council approval, the project may be scheduled as follows:

November 6, Open bids  
November 7-13, Check bidder qualifications.  
November 13, Execute contract/Notify residents  
November 14 - December 23, Construct  
December 24, Project complete

ss:md

Attach:

pc: Project file

**CITY OF WILSONVILLE  
FOX CHASE SEWERLINE RELOCATION  
RIVERGREEN PUMPSTATION MODIFICATION  
FOX CHASE PUMPSTATION MODIFICATION**

**Proposals due -  
REQUEST FOR PROPOSALS**

Sealed proposals for the construction of SEWERLINES AND PUMPSTATION MODIFICATIONS will be received until November 5, 1991, at 2:00 p.m., and will be publicly opened and read in the office of the CITY ENGINEER, Community Development Department, 8445 S.W. Elligsen Road, Wilsonville, Oregon 97070 (Telephone 682-4960).

The major items of work are approximately as follows: 1) 155 L.F. of 8" Sanitary Sewer; 2) 475 L.F. of 6" PVC Pressure Main; 3) Two (2) Pump Station Modifications.

Contract Documents, including Plans and Specifications, may be examined at the following locations: 1. Wilsonville Community Development Department, 8445 S.W. Elligsen Road, Wilsonville, Oregon 97070; 2. Construction Data Plan Center, 1200 N.W. Front Avenue, Suite 180, Portland OR 97208-5005; 3. Builders Exchange, 1125 S.E. Madison Street, Room #200, Portland OR 97214.

A copy of said documents may be obtained at the WILSONVILLE COMMUNITY DEVELOPMENT DEPARTMENT upon deposit of Thirty Dollars (\$30.00) for each document. Fifteen dollars (\$15.00) of the deposit will be refunded if the document is returned as a bid or is otherwise returned in good condition within seven (7) days after the date set for receiving bids.

All proposals must be accompanied by a certified check, cashier's check or bid bond payable to the City of Wilsonville, Oregon, in the amount not less than Ten Percent (10%) of the total amount of the bid. The successful bidder will be required to furnish a Performance and Payment Bond for faithful performance of the contractor in the full amount of the contract price.

Contractors must be qualified in accordance with the applicable parts of ORS 279 in order to enter into Contract with the Owner for public work in Oregon.

**Contractors may bid on any one or all bid schedules.**

No Proposal will be received or considered unless the Proposal form contains or is accompanied by, a statement by the Bidder as a part of his Proposal that the provisions required by ORS 279.350 pertaining to prevailing wages shall be included in his Contract.

The City of Wilsonville reserves the right to waive any informalities, reject all bids or accept the bid of the lowest responsible bidder on EACH schedule within thirty (30)

days from the date of the bid opening, whichever appears to be in the best interest of the City.

R. H. Erichsen, P.E.  
Interim City Engineer

Site Address:

City of Wilsonville  
Community Development Department  
8445 S.W. Elligsen Road  
Wilsonville OR 97070

Mailing Address:

City of Wilsonville  
Community Development Department  
City 30000 S.W. Town Center Loop E.  
Wilsonville OR 97070

Publish in the Daily Journal of Commerce. 10/23 ~~10/30~~, 1991.

Publish in the Wilsonville Spokesman 10/23, 1991.

**CITY OF WILSONVILLE  
CAPITAL IMPROVEMENT PROGRAM  
1991 - 1992 FISCAL YEAR**

**I. WATER UTILITY IMPROVEMENT PROJECT**

**Project Need:**

With Wilsonville's growth, the imminent need for new water supplies is not surprising. The present wells and storage system barely meet the city's water demands during hot, dry summer months. New industrial and residential developments added since last summer will severely test all components of the city's domestic water service in 1991. There is a serious need to develop new water supply storage and distribution capabilities. In March, 1988, Wilsonville voters approved the sale of approximately two million dollars worth of water revenue bonds in order to accomplish the following:

A.	Drill & develop two wells	\$400,000
B.	Drill one well	\$100,000
C.	3-MG concrete reservoir	\$750,000
D.	Land acquisition	\$160,000
E.	Maintenance & cathodic protection	\$ 60,000
F.	Pipeline segment	\$440,000
G.	Contingency	\$107,000

The bonds are to be repaid through user fee revenues. The chronology of events and expenditures coupled with recent water utility improvements may be outlined as follows:

1. March, 1988                      Voters approve water revenue bond sale through general election.
2. December, 1988                Water revenue bonds are sold for a cost of approximately \$30,000.
3. December, 1988                State Water Resources issues a well development permit for two sites.
4. March, 1989                     Mentor Graphics is conditioned to provide municipal well development within the campus master site plan.
5. June, 1989                      The Nike well, drilled and capped in 1985, is tested for quantity and quality.
6. August, 1989                    The Nike well meets or exceeds all Health Division requirements and delivers approximately 0.80 MGD. The testing costs were \$44,000 and included the purchase of a 100 hp motor and a connection to the municipal distribution system.

7. September, 1989 - The Boeckman Road waterline crossing, the first component of the 18 inch east/west transmission line, is accomplished for \$12,500.
8. January, 1990 - The City Council formally authorizes reservoir site acquisition through condemnation proceedings.
9. March, 1990 - Drilling and testing for a new municipal well is initiated on the Mentor Graphics campus at a cost of \$78,105.
10. March, 1990 - The Wilsonville Parks & Recreation Advisory Board and Design Review Board approved the design concept for a well house at the Nike facility.
11. May, 1990 - City water utility crews perform a Boeckman Road waterline crossing to initiate the placement of a north/south transmission line. The crossing cost approximately \$4,500.
12. October, 1990 - Drilling and testing for the new Mentor Graphics well is completed. Available capacity is measured to be approximately 250 gallons per minute. Council decides to deepen well at a cost of \$40,575.00 in an effort to obtain greater quantity.

In the 1991 fiscal year, following right-of-way acquisition, water project improvements will include:

1. Design and construct the east/west 18-inch transmission line.
2. Design and construct the north/south 24-inch transmission line.
3. Develop the Nike well facility
4. Develop the Mentor Graphics municipal well facility (assuming the water quantity and quality is adequate).
5. Initiate acquisition of another municipal well site.
6. Design and construct a 3 MG concrete reservoir.

**Project Funding:**

This project will be funded entirely by water revenue bonds and will be budgeted through the water construction fund.

**II. WASTEWATER TREATMENT PLANT IMPROVEMENTS:**

**Project Need:**

Based on the recommendation of the March 1990 treatment facility plan review, the 1991-92 fiscal year will include the following work elements:

1. Grit Removal Facilities - to eliminate grit from the treatment stream, thereby providing volume in the digesters for the treatment of sludge (\$60,000).



2. Clarifier Rehabilitation and Scum Removal - to rework the mechanical components of the two clarifiers aged 18 and 12 years (\$4,500).
3. Clarifier/Digester Covers and Air Treatment - to control and abate odor emissions from the treatment facilities (\$303,500). Initiated in the 90-91 fiscal year, funding for this project will carry over into the 1991-92 fiscal year.

**Project Funding:**

This project will be funded entirely from the sewer reserve fund.

**III. FOX CHASE SANITARY SEWER LIFTSTATION IMPROVEMENT:**

**Project Need:**

Due to the alignment of the respective Rivergreen and Fox Chase sewage collection systems, the Rivergreen liftstation pumps into the Fox Chase facility creating an energy consuming, double pumping situation. This project, as proposed, will eliminate the Fox Chase facility for an estimated cost of \$85,000. Initiated in the 90-91 fiscal year, funding will carry over into the 1991-92 fiscal year.

**Project Funding:**

This project will be funded entirely from the sewer reserve fund.

**IV. CANYON CREEK NORTH SANITARY SEWER EXTENSION:**

**Project Need:**

This 12-inch trunk is designed to extend north from Boeckman Road, approximately 1,000 feet. The City accepted the responsibility for the funding of this project during development agreement negotiations with Mentor Graphics. Estimated cost, \$75,000.

**Project Funding:**

The city's portion of this project will be obtained from the sewer reserve fund.

**V. PARKWAY AVENUE RECONSTRUCTION:**

**Project Need:**

The reconstruction of Parkway Avenue from Town Center to Boeckman Road is the last component associated with LID No. 5 to be completed. The improvement is to include two travel lanes, a continuous center turn lane, and sidewalk provisions. Originally conceived in 1985, this project was delayed by engineering design activity and Mentor Graphics improvements performed at the Boeckman and Parkway intersection. Initiated in the 90-91 fiscal year, this project will carry over into the 1991-92 fiscal year. Estimated cost, \$1,200,000; FAS funding will contribute \$345,856.50).

**Project Funding:**

\$400,000 will be provided in this project by the Federal Aid Secondary funding system. The remainder of the project funds estimated to cost a total of \$1,000,000 will be derived from the systems development fund. The city's portion of this project will be obtained from the systems development fund.



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COMMUNITY DEVELOPMENT DEPARTMENT  
ENGINEERING  
MEMORANDUM

**DATE:** AUGUST 12, 1991  
**TO:** STEVE STARNER  
 COMMUNITY DEVELOPMENT DIRECTOR  
**FROM:** R. H. ERICHSEN  
 ACTING CITY ENGINEER  
**RE:** FOX CHASE PUMP STATION REPLACEMENT  
 A) WORK TASK SEQUENCE  
 B) PRELIMINARY COST ANALYSIS

**A. WORK TASK SCHEDULE**

1. Field Surveys for distances and key elevations of manhole.
2. Plans and specs for construction bids.
3. Negotiate construction costs.
4. Award contracts.
5. Complete construction, test and final acceptance.
6. Complete "As Constructed" drawing for files.

**B. CONSTRUCTION SEQUENCE**

1. Install 480 LF of 6" pressure main on Willamette Way.
2. Install two new higher head pumps in River Green station, plus new electric panel.
3. Construct new manhole and 155 LF of 8" gravity sewer from Fox Chase station to existing manhole at north end of Champoeg Drive.
4. Convert Fox Chase station to a manhole.
5. Test system, approve and place in operation.

**C. PRELIMINARY COST ANALYSIS**

1.	Install 480 LF - 6" pressure main @ \$22	=	\$ 10,120
2.	New pumps at River Green Station		
	2 pumps		15,000
	Installation - Bypass Pumping		4,500
	New Electrical panel for 25 HP motors		3,000
	New phone dialers and hookup		2,700
3.	New manhole at Fox Chase		1,600
	155 LF 8" Sanitary Sewer @ \$30		4,650

Memo To: Steve Starner, Community Development Director  
Re: Fox Chase Pump Station Replacement  
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**PRELIMINARY COST ANALYSIS (Cont.)**

4.	Convert Fox Chase pump station to a manhole	
	Remove pumps and fittings	500
	Clean well, install bypass pipe	250
	Fill in well with concrete (8 cu yds)	1,200
	Cut off top, construct slab, install MH frame & cover	1,500
	Estimated Construction Cost	<hr/> \$ 45,020
	10% Contingency	4,480
	Estimated Project Cost	<hr/> \$ 49,500

RHE:mld

pc: Project file