

RESOLUTION NO. 547

A RESOLUTION AUTHORIZING THE PURCHASE OF RADIO TRANSMITTERS FOR THE WATER AND WASTE WATER EMERGENCY RESPONSE SYSTEM.

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

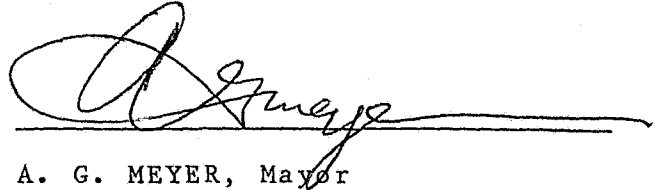
WHEREAS, the City Council has duly considered the subject and the recommendation(s) contained in the staff report; and

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 21st day of

April, 1986, and filed with the Wilsonville City Recorder  
this same date.



A. G. MEYER, Mayor

ATTEST:



VERA A. ROJAS, City Recorder

RESOLUTION NO. 547

PAGE 2 OF 3

CB-R-208-86

**FINDINGS**

1. Council finds that the report of Larry Blanchard, Public Works Director, supports an exemption and so find that under ORS 279.015(2)(b).

CITY OF



# Wilsonville

30000 S.W. Town Center Loop E  
P.O. Box 220 / Wilsonville, Oregon 97070-0220  
503 / 682-1011

EXHIBIT "A"

DATE: APRIL 17, 1986  
TO: MAYOR AND CITY COUNCIL  
FROM: LARRY R. BLANCHARD, *Larry R. Blanchard/mls*  
PUBLIC WORKS DIRECTOR  
SUBJECT: RESOLUTION CB - R - 208 - 86

The City of Wilsonville presently has two separate emergency response systems. They are as follows:

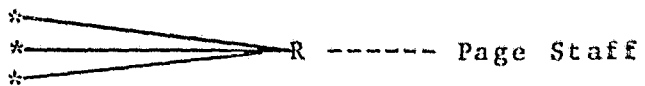
1. Wastewater Pump Station - Radio communications to central receiver of emergency, computer dials appropriate person to respond.
2. Water Pump Stations and Reservoirs - Telemetry Communications (Phone Lines) to central receiver, central receiver to Fire District, Fire District to page or call staff.

Last year when the River Village Wastewater Pump Station was being designed, it was determined to add our emergency response system to all Wastewater Pump Stations.

At that time the City had a telemetry system for water related emergencies only. However, the cost to install a telemetry system was comparable to the newer radio systems, but less able to be as easily removed. The City chose to install the radio system due to the ease of operation and the adaptability and expansion of the system. (See Emergency Response Flow Chart).

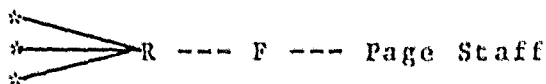
RADIO COMMUNICATIONS

- \* - Stations
- R - Receiver
- F - Fire District



TELEMENTARY SYSTEM

- \* - Stations
- R - Receiver
- F - Fire District



MEMO: MAYOR & CITY COUNCIL

April 17, 1986

Page 2

Staff felt the City must choose one emergency response system and felt radio communications was the most reliable since telemetry relies on telephone lines which can be easily damaged.

In the construction of the Gesellschaft Well and Pump Station staff budgeted and received approval for a \$200,000 installation, which included a \$45,000 emergency response system. We had the choice of either telemetry or radio. Staff determined that radio communications was the best choice, therefore purchasing of the equipment must be done. (See attached Section 16790-TELEMETERING under Bid Specifications, and Page 34 of the 1985-86 Budget).

Modify: According to ORS 279.015 "Competitive Bidding", exemptions 2.a. & 2.b.; the City does not have to publicly bid a project if the conditions exist as mentioned in 279.015 -2.a. & 2.b. In the staff's investigation of other systems we did not find a company that could provide the following:

1. Interface Terminal Unit ITU, which allows the system to act as an emergency response system during the early stages of development. As the City's needs expand, the system can be upgraded to act as a pump control system and an emergency response system. This can be done simply by adding a card cage configured system the size of a playing card for \$300, to allow the analog input necessary to control the system. The ultimate is the capability of adding a computer to monitor and control the entire system. The competition either has emergency response or control systems, but not both.
2. The autodialer multiplexer capability fits in a component about 18" X 18", and is inexpensive compared to the large annunciator panels used by the competition.
3. The system is also easily moved from one site to the other by simply unplugging the unit and moving the antenna. The competition requires the separate systems to be moved at a considerable cost.

MEMO: MAYOR & CITY COUNCIL

April 17, 1986

Page 3

4. The City's contractual electrical firm warns of the problems with interfacing units which use separate protocol for sending and receiving data. Although the interfacing can be done, additional expense would be required to "iron out" the problem. Every system manufactured has different transmitting and receiving protocol.

The installer for the system has always been Elco Electric who is under contract with the City, and is experienced in our needs for this system.

**RECOMMENDATIONS:**

1. Authorize the purchase of seven Model 9005 R.T.U.'s from Butler International for a price of \$2,415.00 each or a total price of \$16,905.00.
2. Authorize Elco Electric to install the R.T.U.'s for a total price of \$23,190.00.
3. Cost for the above items are to be funded from account number 02-50 - \$4,830.00; and 03-55 - \$35,265.00.

LRB:pjm

Attachments: Page 34 - 1985-86 Budget  
Section 16790, of the Gesellschaft Well  
Pump Station Specifications  
ORS 279015

cc: Internal - Water - Water Monitoring Systems

**PURCHASING AND BIDS AND BIDDING IN GENERAL**

279.008 [Repealed by 1975 c.771 §33]

279.010 [Repealed by 1975 c.771 §33]

**279.011 Definitions for ORS 279.011 to 279.061.** As used in ORS 279.011 to 279.061:

(1) "Public contract" means any purchase, lease or sale by a public agency of personal property, public improvements or services other than agreements which are for personal service.

(2) "Public agency" or "public contracting agency" means any agency of the State of Oregon or any political subdivision thereof authorized by law to enter into public contracts and any public body created by inter-governmental agreement.

(3) "Public improvement" means projects for construction, reconstruction or major renovation on real property by or for a public agency. "Public improvement" does not include emergency work, minor alteration, ordinary repair or maintenance necessary in order to preserve a public improvement.

(4) "Board" means the Public Contract Review Board or the local contract review board of a city or county as provided for in ORS 279.055. [1975 c.771 §1; 1979 c.196 §1; 1979 c.869 §1a; 1981 c.54 §1]

279.012 [Repealed by 1975 c.771 §33]

**279.013 Public Contract Review Board; members' qualifications, terms, compensation and expenses; recording minutes of meetings.** (1) The Public Contract Review Board shall consist of:

(a) The Secretary of State or, if the secretary so designates, the Deputy Secretary of State;

(b) The State Treasurer or, if the treasurer so designates, the Chief Deputy State Treasurer;

(c) The Attorney General or, if the Attorney General so designates, the Deputy Attorney General;

(d) The Commissioner of the Bureau of Labor and Industries or, if the Commissioner of the Bureau of Labor and Industries so designates, the Deputy Commissioner of the Bureau of Labor and Industries; and

(e) Five members appointed by the Governor. The term of office of each member appointed by the Governor shall be four years. Such members shall be appointed by the Gov-

ernor with terms commencing July 1, 1975. The Governor shall appoint one member who is engaged in the construction industry and who has been so engaged for at least five years prior to such appointment, one member who is a professional purchasing officer and who has been actively so engaged for at least five years prior to appointment, one member from a list of nominees jointly submitted by the League of Oregon Cities, the Association of Oregon Counties and the Oregon School Boards Association, one member from among the members of organized labor and one public member. Of the members first appointed, two shall be appointed for a two-year term and three shall be appointed for a four-year term. Before the expiration of the term of a member, the Governor shall appoint a successor whose term shall begin on July 1 next following. A member shall be eligible for reappointment, but no person shall be eligible to serve more than two consecutive terms. In case of a vacancy for any cause, the Governor shall appoint a person to fill the office for the remainder of the unexpired term.

(2) A member of the board who is appointed by the Governor is entitled to compensation and expenses as provided by ORS 292.495.

(3) The Governor shall appoint one of the members of the board as chairperson to serve as such at the pleasure of the Governor.

(4) The board shall provide for the taking of written minutes in accordance with ORS 192.650, and shall also provide for the tape recording of all its proceedings. [1975 c.771 §2; 1977 c.456 §1; 1979 c.195 §1; 1981 c.466 §1; 1981 c.528 §5; 1981 c.712 §1]

279.014 [Amended by 1967 c.202 §1; 1973 c.42 §1; repealed by 1975 c.771 §33]

**279.015 Competitive bidding; exemptions.** (1) All public contracts shall be based upon competitive bids except:

(a) Contracts made with other public agencies or the Federal Government;

(b) Contracts made with qualified non-profit agencies providing employment opportunities for the handicapped; and

(c) A public contract exempt under subsection (2) of this section.

(2) The board may exempt certain public contracts or classes of public contracts from the requirements of subsection (1) of this section upon the following findings:

(a) It is unlikely that such exemption will encourage favoritism in the awarding of pub-

lic contracts or substantially diminish competition for public contracts; and

(b) The awarding of public contracts pursuant to the exemption will result in substantial cost savings to the public contracting agency. In making such finding, the board may consider the type, cost, amount of the contract, number of persons available to bid and such other factors the board may deem appropriate.

(3) A public contract also may be exempted from the requirements of subsection (1) of this section if emergency conditions require prompt execution of the contract. The board shall adopt regulations allowing the governing body of a public agency to declare that an emergency exists.

(4) In granting exemptions pursuant to paragraphs (a) and (b) of subsection (2) of this section, the board shall, where appropriate, direct the use of alternate contracting and purchasing practices that take account of market realities and modern or innovative contracting and purchasing methods, which are also consistent with the public policy of encouraging competition. [1975 c.771 §3; 1977 c.304 §6]

279.016 [Amended by 1971 c.481 §1; repealed by 1975 c.771 §33]

**279.017 Specifications for contracts; products.** (1) Specifications for public contracts shall not expressly or implicitly require any product by any brand name or mark, nor the product of any particular manufacturer or seller unless the product is exempt under subsection (2) of this section.

(2) The board may exempt certain products or classes of products from subsection (1) of this section upon any of the following findings:

(a) It is unlikely that such exemption will encourage favoritism in the awarding of public contracts or substantially diminish competition for public contracts,

(b) The specification of a product by brand name or mark, or the product of a particular manufacturer or seller, would result in substantial cost savings to the public agency,

(c) There is only one manufacturer or seller of the product of the quality required, or

(d) Efficient utilization of existing equipment or supplies requires the acquisition of compatible equipment or supplies. [1975 c.771 §4]

279.018 [Repealed by 1975 c.771 §33]

**279.019 Petition to test validity of rule.** (1) Exemptions granted pursuant to ORS 279.015 (2) or 279.017 (2) constitute rulemaking and not contested cases under ORS 183.310 to 183.550.

(2) Any person except the public contracting agency or anyone representing it may bring a petition for a declaratory judgment to test the validity of any rule adopted under ORS 279.015 and 279.017 in the manner provided in ORS 183.400. [1975 c.771 §6]

279.020 [Repealed by 1975 c.771 §33]

**279.021 Preferences; foreign contractor.** (1) In all public contracts, the public contracting agency shall prefer goods or services that have been manufactured or produced in this state if price, fitness, availability and quality are otherwise equal.

(2) (a) Where a public contract is awarded to a foreign contractor and the contract price exceeds \$10,000, the contractor shall promptly report to the Department of Revenue on forms to be provided by the Department of Revenue the total contract price, terms of payment, length of contract and such other information as the Department of Revenue may require before final payment can be received on the public contract. The public contracting agency shall satisfy itself that the requirement of this subsection has been complied with before it issues a final payment on a public contract.

(b) For purposes of this subsection, a foreign contractor is one who is not domiciled in or registered to do business in the State of Oregon. [1975 c.771 §5]

279.022 [Repealed by 1975 c.771 §33]

**279.023 Least cost policy for public improvements; costs estimates in budget process; record of costs.** (1) It is the policy of the State of Oregon that public agencies shall make every effort to construct public improvements at the least cost to the public agency.

(2) Not less than 30 days prior to adoption of its budget for the subsequent budget period, each public agency shall prepare and file with the Commissioner of the Bureau of Labor and Industries a list of every public improvement known to the agency that the agency plans to fund in the budget period, identifying each improvement by name and estimating the total onsite construction costs. The list shall also contain a statement as to whether the

agency into a private ( perform co own equip estimated agency sha the policy tion. The revised per

(3) Be public imp or person

(a) If t the public plans and unit cost d estimated reasonable investment used in t sufficient work and constructio

(b) The kept and p account of including a expenses a costs, of a count of th

(4) Sub do not app public imp tribution of [1975 c.771 §7

279.024 [

**279.025** ment for b shall be pu newspaper where the ( as many ad the public c If the cont with an est the adverti in at least state-wide rule, requir published r additional p

(2) All a

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**DETAILED EXPENDITURES**

FORM LB-31

WATER  
ORGANIZATIONAL UNIT-FUND

CITY OF WILSONVILLE  
(MUNICIPAL CORPORATION)

	HISTORICAL DATA			NO. OF EMPS.	EXPENDITURE DESCRIPTION	R A N G E	BUDGET FOR NEXT YEAR 1985 - 1986		
	ACTUAL		ADOPTED BUDGET				PROPOSED BY BUDGET OFFICER	APPROVED BY BUDGET COMMITTEE	ADOPTED BY GOVERNING BODY
	SECOND PRECEDING YEAR 82-83	FIRST PRECEDING YEAR 83-84	THIS YEAR 84-85						
1					MATERIALS & SERVICES (Cont.)				1
2					Protective Equipment		-0-	200	2
3					Electricity				3
4					Printing & Reproduction				4
5									5
6	34,103	182,170	234,727		TOTAL MATERIALS & SERVICES		232,568	237,571	6
7									7
8					CAPITAL OUTLAY				8
9		8,738			Storage Yard Development - Fences				9
10	645	834	850		Small Tools & Assessories		850	850	10
11	552		5,968		Meter Replacements - Rebuilt		5,968	5,968	11
12		59,117	79,000		Well Development		100,000	100,000	12
13			15,000		Water Development (Water Quality)		5,000	5,000	13
14	3,387	23,294	82,000		Meters - Meter Boxes & Materials		100,000	100,000	14
15		541	250		Office Equipment		500	500	15
16			2,500		New Equipment/Facility Improvements		2,500	2,500	16
17		314	200		Protection Equipment		200	-0-	17
18	20	241,082	126,000		Construction New Lines & Bores		165,787	165,787	18
19		55			Rebuilt Water Meters				19
20			1,995		Equipment (Major)				20
21					Special Dedication Fund - G.O Bonds		-0-	28,000	21
22					70% (86-87)				22
23									23
24	4,604	333,975	313,763		TOTAL CAPITAL OUTLAY		380,805	408,605	24
25									25
26					TRANSFERS				26
27	2,026	2,814			Bond Principal & Interest 70% to B &		33,805	33,805	27
28					I Debt (85-86)				28
29			27,306		70% Net Hook-ups G.O. Bonds (86-87)		28,000	-0-	29
30			3,355		30% Net Hook-ups Capital Improvements		12,000	12,000	30
31					TOTAL EXPENDITURES (86-87)				31
32					UNAPPROPRIATED ENDING FUND BALANCE				32
					<b>TOTAL</b>				

16790 TELEMETERING  
GENERAL

Telemetry installation for this project is to be installed under a separate contract. Co-operate fully with the telemetry contractor, and furnish all items required for a complete and functioning installation.

MEASUREMENT AND PAYMENT

Payment for work in Section 16700 to be as follows:

1. Work within the 100 ft. x 100 ft. pump station site to be included in the lump sum price named in the Schedule A proposal for "Electrical" complete and acceptable.
2. Work outside the pump station site to be included in the lump sum price named in the Schedule B proposal for "Utility Service Installation" complete and acceptable.

Payment for items listed to include reimbursement for all labor, equipment, materials, and incidentals necessary for work listed in this section. No additional compensation to be allowed.