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The Very Best Values in Coos County

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You probably have been fitted time and again in hat, collar, shirt or shoes at our store, and because you were treated to the square deal, you came back again.

Just this treatment and method crown our **Clothing Methods**. Our Department of Smart Clothes fills a big need for value giving in clothes.

You come to us with your clothing problem, and we can solve it for you. Our clothes are Benjamin Clothes, and no clothes we have yet seen can equal them in value, style and fit.

For Men and Young Men \$10.00 to \$45.00

"The Store Where Money Talks"

Hub Clothing and Shoe Co.

The Last Steamers Have Replenished Sizes and Our Assortment Is Complete

MARSHFIELD

BANDON

CLEAR LAKE AS WATER SUPPLY

(Continued from page 1.)

and from natural conditions clear water would be had at all times, even during freshets.

Supply Line—The normal elevation of Lake Edna is 233 feet and the dam would raise the water to 237 feet. This would deliver water in Marshfield or North Bend by gravity at an elevation of 180 feet, an elevation sufficient to supply fully nine-tenths of the population. The length of the line from the reservoir to North Bend is 17 miles, and to the Marshfield reservoir site three miles farther. This would give a gradient of 2.82 feet per mile or .53 feet per thousand. Using a 20-inch diameter pipe a flow of 2,500,000 gallons per 24 hours would be had, a sufficient quantity to supply a population of 20,000. As the demands for water increased the dam may be raised, thus increasing the head and imposing an additional pressure on the pipe making it possible to conduct a greater amount of water. This pipe is recommended to be built of wood staves from the dam site to the north shore of Coos Bay, and for crossing the bay a cast flange pipe of extra heavy quality. On the mud flats and portions where it is not likely to be moved by dredgers or tides, the standard hub and spigot pipe would suffice. The 20-inch pipe line has been considered well and the conclusion reached is that it would be poor economy to install a pipe larger at the present time. The cost of installing a pipe large enough to carry the flow produced by storage

would be fully one hundred thousand dollars more than the 20-inch line, and it is therefore not considered advisable at this time. A pumping plant and stand pipe for service of that portion of the city lying above elevation of 180 feet will be required and we have included the cost of that in our estimate.

Rights-of-way—Nearly the entire length of the pipe line is through the Umpqua Forest Reserve and permission for crossing same may be secured from the Forestry Department.

Cost—We have estimated the cost of constructing the Clear Lake supply as follows:

Headworks—
Timber dam (foundation suitable for 40' height) \$3,000.00
Tunnel, 650 lineal feet at \$10 6,500.00
Intake tower 15' high, 25 C. Y. concrete at \$15.. 375.00
Caring for water during construction 1,000.00
Gates and screens 500.00
Incidentals 2,824.50
\$14,400.00

Pipe line—
Clearing 12 acres at \$150 \$1,800.00
Trench, 13 miles at \$750. 9,750.00
Trench, 2 miles at \$1,565 3,130.00
Trench, 4 miles at \$1,500 6,000.00
20" C. S. Pipe, 15 miles at \$8,817.60 132,264.00
16" C. S. Pipe, 4 miles at \$5,438 21,752.00
20" C. I. Pipe submerged 2,000 feet at \$25. 50,000.00
20" C. I. Pipe tidedflats 3,000 feet at \$8.15. 24,850.00
Engineering and incidentals 10 per cent. 24,850.00
\$274,000.00

High Elevation Supply—
Pumps \$350.00
One 30 H.P. electric motor 450.00
½ stage 4" turbine pipe 1,800.00
One tank and tower 1,800.00
\$2,600.00
Total cost \$291,000.00

This estimate is based on present prices of materials and labor, and carries a liberal profit.

South Coos River Source—Considering the length of line required and that water could not be delivered by gravity at a height above sea level, the estimate for this source is not included in this report.

Distributing system—Should the cities not acquire the present system it will be necessary to install a complete distributing system and two or more reservoirs. In case of the acquisition of the old system cost of making certain improvements are included in this report. We have estimated a reservoir system sufficient to furnish ten fire streams for 72 hours. This system will give a pressure of 74 pounds on the waterfront, and will maintain a nozzle pressure for five streams of 50 pounds.

Cost of distributing—
One 2,000,000-gallon reservoir, Marshfield \$11,000.00
One 1,000,000 gallon reservoir, Marshfield 7,000.00
One 2,000,000-gallon reservoir, North Bend 11,000.00
\$29,000.00
Pipes, construction, etc., Marshfield \$37,195.52
Special fittings, incidentals 800.00
Gate valves 682.00
Incidentals and engineering 3,862.48
\$42,540.00

Same improvements, North Bend \$12,380.00
Value of Coos Bay Water Plant. The present valuation of the Coos Bay Water plant is obtained by subtracting the depreciation \$12,979.68 from the total cost of reproduction

new, which is \$70,916.48, after adding engineering, interest during construction, legal and general expenses, a total of 10 per cent \$5,148.89 on all of the items except stores and supplies. The result is the total of the present valuation of the physical property, which is \$56,638.83. Added to this is what is termed the "going value" and must be determined either by private agreement or in the courts.

Recommendations—The Golden Falls supply will give the cities 2,300,000 gallons per twenty-four hours and is capable of increasing storage to give even more. The estimated cost is \$267,550.

The Clear Lake supply with the expenditure estimated can be brought up to four million gallons per twenty-four hours and the storage increased as the demands may require, with a possibility of delivering 18,750,000 gallons per twenty-four hours. The estimated cost of this system is \$291,000.

We would recommend the Clear Lake system as the one best suited the demands and for future needs.

We would also recommend the purchase of the Coos Bay Water works at a reasonable figure, using same as an auxiliary to your distributing system.

Golden Falls water supply—We have estimated the cost of the Golden Falls water supply as follows:

2 concrete diverting dams, at \$500 \$1,000.00
700 feet tunnel at \$10. 7,000.00
Concrete sedimentation basin 1,500.00
Gates and screens 500.00
Caring for water during construction 500.00
Incidentals 2,625.00
Clearing 26 acres for pipe at \$150 4,400.00
Trenching 23 miles at \$1,200 27,600.00
16" C. S. Pipe submerged 2,500 feet, at \$19. 47,500.00
16" C. S. Pipe 23 miles, at \$6.600 151,800.00
Engineering and incidentals 23,130.00
\$267,550.00

Complete Cost of System As Recommended.

Clear Lake—
Clear Lake Pipe line, etc. \$291,000.00
Present value C. B. Water Works 56,639.00
Three reservoirs 29,000.00
Marshfield improvements required 42,000.00
North Bend improvements 12,389.00
Total \$431,010.00

Golden Falls—
Pipe line, etc. \$267,550.00
Distributing system (same

as for Clear Lake) ... 140,028.00

Total \$407,578.00

The above report is the result of the investigations made by Mr. J. L. Stannard and A. L. Richardson, consulting engineers of Portland. These men have been identified with some of the greatest projects of the coast. They built the well-known Cedar Lake system of Seattle and have been employed on other similar projects of equal importance. The investigation was made at the instance of a joint committee, composed of three members from each of the councils of Coos Bay. This committee is composed of A. H. Powers, chairman, Carl Albright and Duncan Ferguson of Marshfield, and Mayor Simpson, Dr. I. B. Bartle and Edgar McDaniel, secretary, North Bend.

The engineers services were obtained by bids, and Messrs. Stannard & Richardson were awarded the contract at \$10 per day and expenses. As yet the expense account has not been filed. The data on which the estimate was based, especially that portion concerning the sources of supply was secured by Mr. Richardson in company and assisted by Carl Albrecht and E. McDaniel. The data as regards the distributing system is taken from levels on file with the city engineers' office in Marshfield and North Bend. The data as regards the value of the Marshfield plant is taken from the records of that concern together with a personal inspection of the property, and based on present values. In all, the report is a very comprehensive one.

The joint committee will go into the report at once and further action on the matter will be determined by their decision. The report is in the hands of the committee and those interested in looking same over are at liberty to do so.

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After the show try a Turkish Bath Phone 214-J.

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One 6-ounce tin of J. A. Folger's high grade Baking Powder with every One-pound can you buy which gives you a saving of 40 per cent on your Baking Powder.

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CONNECTING WITH THE NORTH BANK ROAD AT PORTLAND NORTH PACIFIC STEAMSHIP COMPANY.
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