

TO CALL FOR NEW TENDERS FOR PUMPS

Because of Mistake Made In Letter to One of the Tendering Firms.

Manager Hawkins of the Cataract Company Explains the Offer For Power.

After spending two hours last night, the question of tenders for electric pumps and motors to be installed at the Beach, the Fire and Water Committee around up by deciding to call for new tenders on the pumps. This action was prompted by a mistake made to have been made in a supplementary letter sent out after the specifications had been issued. The representative of the John McDougal Company, Montreal, which handles the Worthington pump, claimed that his firm had not received this letter, or its price would have been about \$2,000 lower than the figure quoted. The aldermen thought the fairest course to pursue was to give those who had tendered an opportunity to put in a new figure. The tenders on the motors stand and will be taken up later.

It will be noticed by the report of the expert, who made the report on the tenders, that the Swedish General Electric Company's tender for motors is \$3,145 lower than the Westinghouse Company's price. The engineer explained, however, that the higher efficiency of the Westinghouse motor made the price about equal. The McDougal Company's price for the Worthington pumps would be still \$550 higher than the Buffalo company with the \$3,000 off.

The representatives of the different companies were permitted to speak. Mr. Paul J. Myler, on behalf of the Westinghouse Company, urged that, as its figure was practically the same as the Swedish Company, and the Westinghouse pumps spent last year \$1,800,000 in wages, there should be no doubt as to whom the contract for the motors should be awarded.

Mr. Sothman's report was as follows: The following combined tenders are placed in the order of merit, taking into consideration the prices and general characteristics of the motors and pumps. A twenty-five cycle synchronous motor, for operation by Hydro-Electric Power Commission's lines, the two best propositions are:

No. 1. Total cost \$20,400 for motors and pumps erected:	
Swedish General Electric Company, motors	\$12,800
Buffalo Steam Pump Company, pumps	7,600
Total	\$20,400
No. 2. Total cost \$23,545:	
Canadian Westinghouse Company, motors	\$15,945
Buffalo Steam Pump Company, pumps	7,600

In comparison of 1 and 2, the second, or No. 2, has an efficiency of one and one-quarter per cent. better than No. 1, which lessens the apparent difference in cost of pumps and motors.

B. Induction motors, 66 cycles, for operation on Cataract Power Company's lines.

Have made comparisons of the best propositions for motors and pumps, taking the two best propositions for motors and pumps, in each case.

No. 1. Total cost \$18,300:	
Swedish General Electric Co., motors	\$9,800
Buffalo Steam Pump Co., pumps	8,500

Total	\$18,300
No. 2. Total cost \$17,300:	
Canadian General Electric Co., motors	\$8,800
Buffalo Steam Pump Co., pumps	8,500

Total	\$17,300
No. 3. Total cost \$20,550, less \$450 for valves:	
Swedish General Electric Co., motors	\$9,800
John McDougal Co., pumps	11,150

Total	\$20,550
No. 4. Total cost \$21,616:	
Canadian Westinghouse Co., motors	\$13,116
Buffalo Steam Pump Co., pumps	8,500

Total	\$21,616
No. 5. Total cost \$19,930, less \$450 for valves:	
Canadian General Electric Co., motors	\$8,800
John McDougal Co., pumps	11,150

Total	\$19,930
C. Induction motors, 25 cycle, for Hydro-Electric Power Commission's line:	
No. 1. Total cost \$17,700, Wound Rotor:	
Swedish General Electric Co., motors	\$10,100
Buffalo Steam Pump Co., pumps	7,600

Total	\$17,700
No. 2. Total cost \$17,350, Squirrel Cage Rotor:	
Canadian General Electric Co., motors	\$9,750
Buffalo Steam Pump Co., pumps	7,600

Total	\$17,350
I am of the opinion that a Squirrel Cage type of induction motor will not be advantageous to the city as a Wound Rotor type of motor would be, considering the large capacity of the motor. The Wound Rotor motor has a higher efficiency and much better starting characteristics, and the disturbance of the system due to putting in a Squirrel Cage motor is much greater than a Wound Rotor type.	

Mr. Hawkins Explains. The city has been clamoring for a more detailed explanation of the offer made by the Cataract Power Company to supply power at \$16 per horse power, and General Manager Hawkins undertook to give in a reply to a letter addressed to him on January 21st, by City Engineer Barrow. Mr. Barrow's letter was as follows:

"The city of Hamilton is about to enter into a contract for the supplying of pumps and electric motors for the waterworks. We desire to obtain from you propositions for the supplying of power for these motors, stating the terms and length of time of contract to be entered into. We also require the method by which you will measure this power, whether on a watt meter or on a kilowatt amperes basis, and what restrictions as to the power factor of motors. The motor will be at 500 horse power capacity induction type; should synchronous motors be chosen for that purpose, what reduction would be allowed for power factor connections?"

Mr. Hawkins' reply, dated Jan. 22, follows: "I have yours of the 21st inst., re power, and in reply beg to make the following explanations in reference to our offer under date of Jan. 4:

The power proposed to be supplied in that offer was upon the basis of the 20-minute maximum requirement to be measured by suitable standard instruments, 746 volt amperes constituting a horse power. This method of selling power requires this method of measurement in order that the definite results may be figured, since control of the power factor of a connected load lies in the hands of the customers, or users, rather than in the hands of the company supplying the power. Should you use synchronous motors in suitable way, 746 volt amperes will mean the same as 746 watts, that is to say, that the real and apparent power will be the same thing.

Our recommendation to the committee, therefore, under any circumstances would be to operate their pumps with synchronous motors, and the reduction in cost in operation between synchronous machinery and induction machinery will automatically adjust itself at about 20 per cent. in favor of the use of the synchronous apparatus. I regret that it is a necessity of precise statement that one must use these technical terms.

Appoint Three Vets. R. L. Craig, W. E. Baker, and John W. Groves, veterinarians, applied for the position of veterinary surgeon of the fire department. There is no fixed salary for the job, the veterinary being paid so much for each case. Ald. Anderson suggested that the Chief be instructed to divide the work up among the three applicants. Ald. Gardner seconded this, and the Chief TenEyck did not take kindly to the suggestion. "The only way it can be done," he said, "is to give each one the names of eight horses to look after for the year."

The committee agreed to this. "Who are you to take with me when I go out on my horse?" asked the Chief. "Take the three of them," jested the aldermen in chorus.

Fire Department Matters. Chief TenEyck asked the committee to purchase 4,000 feet of new hose. Some of the old hose, he said, was in very bad shape, two lengths of it breaking at the fire on Saturday, another at the fire at the street car sheds.

PLENTY OF WATER.

ADVICE AND ASIMPLE PRESCRIPTION BY EMINENT AUTHORITY.

The people here do not drink enough water to keep healthy," exclaimed a well-known authority. "The numerous cases of stomach trouble, kidney and bladder diseases and rheumatism are mainly due to the fact that the drinking of water, nature's greatest medicine, has been neglected."

Stop loading your system with patent medicines and cure-alls; but get on the water wagon. If you are really sick, why, of course, take the proper medicine—plain common vegetable treatment, which will not shatter the nerves or ruin the stomach."

When requested for such a prescription for the cure of rheumatism and kidney trouble the answer was: "You must make the kidneys do their work; they are the filters of the blood. They must be made to strain out of the blood the waste matter and acids that cause rheumatism; the urine must be neutralized so it will no longer be a source of irritation to the bladder, and, most of all, you must keep these acids from forming in the stomach. This is the cause of stomach trouble and poor digestion. For these conditions I would suggest the following prescription, which is composed of only vegetable ingredients, which can be obtained from any good prescription pharmacy. Any one can mix them by shaking well in a bottle. Fluid Extract Dandelion, one half ounce; Compound Kargon, one ounce; Compound Syrup Sarsaparilla, three ounces. To be taken in teaspoonful doses after each meal and at bed time, but don't forget the water. Drink plenty and often." This valuable information and simple prescription should be posted up in each household and used at the first sign of an attack of rheumatism, backache or urinary trouble, no matter how slight.

Mr. Paulson, a Swedish-American, claims to have been beaten and driven away because he resented improper proposals.

Winnipeg, Jan. 22.—Charles Paulson, a Swedish-American, is in the city with a woeful tale, which he has placed before a legal firm, who are dealing with it. Paulson came to Vermilion Bay last August, and took up station work in the construction department of the G. T. P. He alleges that immediately after he brought his wife and installed her in his cabin her life was made unbearable by improper proposals made by the walking boss and head of the station work gang.

Paulson resented the importunities of the men in regard to his wife, and in consequence received a terrible beating, as a result of which he had to go to the hospital. He is afraid to go back now, and both he and his wife are in Winnipeg. One of the men who assaulted him was fined \$20 and costs.

About \$400 is due to Paulson, which he cannot get until the contract is finished, and he is afraid to go back he has laid his case before the legal firm mentioned, and is seeking to obtain redress.

Paulson and his wife are young, and the lady is said to be quite attractive.

TRAGEDY IN A STORE WOMAN SHOT A MAN, THEN COMMITTED SUICIDE.

Mary B. Clark Killed Frank Brady in Restaurant of New York Department Store, Then Shot Herself—Had Three Revolvers With Her.

New York, Jan. 22.—Several hundred persons, most of whom were women shoppers, witnessed a murder and suicide in the restaurant of a large Broadway department store today.

Frank Brady, an advertising solicitor for a newspaper, was shot five times and instantly killed by Mrs. Mary Roberts Clark, a manicurist, of 219 West 133rd street. The woman then shot herself and died in the hospital to which she was taken.

Mr. Brady was sitting at a table in the restaurant on the eighth floor of the department store, and the large room was crowded with shoppers and employees of the store, who had gone there for lunch, when the woman approached the table where Mr. Brady sat.

She fired five shots from a revolver into his neck, face and chest. Drawing another revolver from her muff, the woman quickly fired three shots into her own breast and fell backward on the floor. Her action was so sudden and unexpected that witnesses of the shooting at first transfixed until the last shot was fired. Brady was dead when they reached him, but the woman was still alive, and was hurried to a hospital, where she died within a short time.

Besides the two revolvers used in the shooting, a third revolver, fully loaded, was found concealed in Mrs. Clark's muff. The shooting was the culmination of a series of violent quarrels, and, according to the woman's testimony, in fulfillment of a threat to murder him in a public place, "before the world" unless he renewed the attentions she claimed to have received when he was less prosperous and she in a position to befriend him.

STEAMERS COLLIDED. Amsterdam Struck Axminster Off the Dutch Coast.

Rotterdam, Jan. 22.—The steamship Axminster, belonging to the Great Eastern railway company, and the British steamer Axminster, from New York, December 30, for Rotterdam, collided last night near Nieuwe Waterweg, and Amsterdam proceeded to Maassuis, where she has been beached.

The passengers of the Amsterdam were lowered in boats and transferred to the Axminster. There is, however, considerable anxiety over the fact that one of the Amsterdam's boats is still unaccounted for. The missing boat is reported to contain a large number of passengers and members of the crew, several women being included.

No list of passengers on the Amsterdam is available, as it is not customary to prepare such a list on these short trip boats. It is therefore impossible to say how many people are missing.

According to the latest report from the crew of the missing boat, the vessel was well provisioned for several days. It carries oats, saas and compass.

DECEMBER A BIG MONTH. Gain of Nearly Seven Million Dollars in Canada's Foreign Trade.

Ottawa, Jan. 22.—The total trade of the Dominion for the calendar year 1907 was \$688,999,974, as compared with \$644,519,229 for 1906, an increase of \$44,480,745. Total imports last year were \$388,213,360, an increase of \$20,458,000 over 1906, and exports were \$300,786,614, an increase of \$24,022,745.

Total exports of domestic produce last year were \$238,015,537, a decrease of \$130,765. Total exports of foreign produce amounted to \$60,909,057, an increase of \$4,717,100.

The statistics of imports and exports for the last month shows a very considerable betterment over the corresponding month of 1906. The falling off in both imports and exports noted in the figures for the preceding month is reported to have been a temporary phenomenon.

Total imports for the month were \$24,097,968, an increase of \$4,582,822 over December, 1906; total exports of domestic products were \$21,490,067, an increase of \$248,631, and exports of foreign products totalled \$3,904,944, an increase of \$79,169.

Total gain for the month of \$12,178,820 in exports, taking both imports and exports, exclusive of coin and bullion, the gain for the month was \$6,710,642.

Mitchell Refused Gift. Indianapolis, Ind., Jan. 22.—Perhaps the most eloquent speech President John Mitchell, of the United Mine Workers of America made was delivered before the national convention in the matter of accepting a personal gift of \$2,000 tendered by the miners of Montana and Wyoming as a token of their appreciation of his efforts to make their condition better.

"I prefer that you take the money back," he said, "and that you continue to do that which is giving comfort to the good people who sent it to me, then send it to Mrs. Mitchell and let her use it to educate our boys."

The draft will be sent to Mrs. Mitchell.

SUSPECTED MURDERER CAUGHT. Man Supposed to be Implicated in Death of a Detroit Woman.

Detroit, Mich., Jan. 22.—Though the police maintain secrecy in the matter, it has become known that a man named Percy Boyne has been brought here from near Toronto, where he was captured on suspicion of being the murderer of Mrs. Cornelia Welch. He was brought quietly into the city and locked up without being registered.

Mrs. Welch, who was the keeper of a notorious resort, was found dead in her room two weeks ago, having been poisoned to death. Robbery was not the motive for the crime, because nothing valuable was taken from the house.

LIFE WAS A BURDEN.

SHOCKING CHARGE AGAINST HEADS OF GANG ON G. T. P.

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BUSINESS MEN

Don't let your Trade slip away from you for the want of ADVERTISING.

IF YOU HAVE

Just as fine goods as your neighbor, then tell the thousands of buyers through the

THE TIMES

Both in and out of the city. If you don't do it the other fellow will. Do you see the point?

A GREAT FAMILY PAPER

DAILY AND SEMI-WEEKLY GET OUR RATES BUSINESS PHONE 368

WE WANT YOUR PRINTING JOB ROOM PHONE 840

GERMAN SEA POWER.

PROGRAMME WILL GIVE FORTY-SEVEN BATTLESHIPS IN 1920.

Thirty-two Leviathans—Undismayed by England's Threats, Berlin Believes Parliament Will Check the Admiralty.

Berlin, Jan. 22.—England's threat to build two battlehips of modern type to every new vessel contracted for by the German navy is not taken seriously in Berlin. The opinion prevails that a damper will be put on the project in the British parliament. The publication of the plans of England has had the effect of quieting opposition to the navy budget of Germany, however.

Col. Gaidke, naval expert of the Berliner Tageblatt, is of the opinion that all the appropriations asked for in the budget of 1908 will pass. These appropriations cover the first to the fourth instalments on the following ships: Nine battlehips of which two are ready for service; four armored cruisers, of which one has already been launched, while the others are practically completed; six small cruisers, twenty-four torpedo boats of the same type as the destroyers, another tender, and one river gunboat.

Of these battlehips seven will be of the Dreadnought type, and it is rumored that three will be even larger. The seven battle ships contracted for Germany have an average displacement of more than 18,500 tons, and the armored cruisers under construction displacements of from 5,000 to 10,000 tons each.

During the next three years three battlehips and one armored cruiser will be built each year. As the building of these ships will occupy but three years, two years less than the time required in France to build such vessels and considerably less than the United States and England take to complete similar ships, Germany will at the end of 1914 have sixteen battlehips of the Dreadnought type and five armored cruisers of the Invincible type.

Further, the Berliner Tageblatt's expert shows that Germany in 1920 will have a fleet of forty-seven battlehips, of which thirty-two will have more than 18,000 tons displacement, and twenty modern armored cruisers. Germany thus intends to stand second in rank to England as a naval power.

ANOTHER VICTIM OF LEMOINE. Jeweler Recovered Money Given for Secret of Making Diamonds.

Paris, Jan. 22.—Another victim of Henri Lemoine, "the diamond maker," has been found in the person of a Parisian jeweler. This man gave Lemoine \$20,000 last year for his secret of making diamonds, but becoming suspicious he submitted the specimens to a scientist who had been successful in manufacturing rubies. This man said that the stones were from Jagersfontein. The jeweler then threatened to prosecute Lemoine and the "diamond maker" returned the money.

Whoooping Cough, Croup, Bronchitis Cough, Grip, Asthma, Diphtheria

Cresolene is a boon to Asthmatics

Does it not seem more effective to breathe in a remedy to cure disease of the breathing organs than to take the remedy into the stomach? It cures because it is rendered strongly antiseptic is carried over the diseased surface with every breath, giving prolonged and constant treatment. It is invaluable to mothers with small children.

Those of a consumptive tendency find immediate relief from coughs or inflamed conditions of the throat.

Sold by druggists. Send postal for booklet. LEMMON, MILLS CO. Limited, Agents, Montreal, Canada.

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