

VOL. XXVI., No. 16

FREDERICTON, NEW BRUNSWICK, TUESDAY, JANUARY 20, 1920

TY ENGINEER REPORTS ON STREET OUTLINES AND **ALTERNATIVES WHICH MAY BE**

Purchase of Current from Maritime Electric Company and Distribution from Carleton Street Plant, Amalgamation of Lighting Plant With Pumping Station and Modernization e of Present City Plant the Possibilities --- City Engineer Maintains It Would be Cheaper for City to Maintain Its **Own System.**

McDowell on the street lighting sys- and the additional coal required would fore the city in regard to making the used at the Carleton Street plant. You system satisfactory were placed be- would also be able to cut your labor fore the Council last night. The Engin bill down one-half of the present cost eer in his report which was very full. In this connection it would be well to outlines three plans. By one current | consider the fact that the City requires time Electric Company and distribut- making the before mentioned suggesed from the present city plant in Car- tions you would have for this purpose leton street. By the second the light- the Carleton Street Power Station. I Pumping Station and would be amal- referred to, to be approximately \$24,gamated with it and operated together 000.00. with it. By the third the Carleton' New building continued.

it appear that the city could more economically conduct its own plant rather than purchase current from the company.

The report is as follows:

To His Worship the Mayor and City Coundil, Fredericton, N. B. Gentlemen: After careful investigation of the Street Lighting for the City, 1-3 phase Meter now at Sew-I find that the present method of generating Electricity by means of a Foundation for Engine ... brush direct current series generator Connecting Engine, Generatis practically obsolete and very inefficient, and as all the old type arc tamps have now been taken off the line, there is no reason why this brush machine should be continued. Carleton Street plant. And further, both machines are now tiable to ground at any time, several 1 Engine, 65 H. P. of the coils have been rewound and in 2 Generators doing so found very defective with the 2 Boilers Insulation about worn out. The con- 1 feed pump dition of these two machines makes it very unstfe to continue longer without Building . making arrangements for another plan Labor Saving chines could be rewound at an approximate cost of \$1,500.00 each. We have at the present time plans which could be taken up very successfully.

Plan Number 1

Receive current at our Electric Light Station from the Maritime Elec- Lighting Station.

The report of City Engineer C. G. have but one boiler plant and one staff,

.... \$5000.00 Street plant would be modernized and 1-175 H.P. Corlis Engine .. 5000.00 1-Surface Condenser The report of Mr. McDowell makes 1-100 K.W. K.V.A., Engine type 2300 Volts, 3 phase 60 cycles Generator, direct con inected 3400.00 -Excitor 3-Constant current transformers 1-Generator panel now at Sewerage Pumping Station 500.00 erage Pumping Station ... 500.00

or, etc. ..., 1000.00

\$23925.00 Less for dismantling and sale of

Scrap Iron 1000.00 200.00 1500.00 1 Heater 400.00

Plan Number 3

Continue at the Carleton Street

LIKELY TO BE A BIG INFLUX OF **IMMIGRANTS FROM ACROSS BORDER**

May be Quite a Rush From Great Britain Also-Only Farm and Household Help Being Encouraged by the Government at the Present Time.

Ottawa, Jan. 19.-From Great Britain and the United States large immigration is expected this year. The government ncourages only farmers, farm workers and household helpers o come to Canada under present conditions. So far as posible, it desires to get farmers with capital, and as a result of that policy the Department of Immigration is obliged to look more to the United States than to Great Britain for recruits for future citizenship. In Great Britain the farmers are prosperous and the classes most anxious to come are those living in the cities and towns. In the Western States, however, many of the farmers are taking advantage of the high prices being given for

tem and the alternatives which lie be- not be more than one-third now being land to sell out and buy cheaper and often better land for a much smaller price in Western Chada. In Iowa farm land brings as high as \$500 an acre and some

of it that was a drug on the market some years ago now brings \$200 to \$250 an acre. One Iowa man recently sold his farm would be purchased from the Mari- a first-class store and repair shop. By for \$400 an acre and bought better land in Canada for \$75. During the first eight months of the current fiscal year 47. 585 immigrants came from the British Isles, including 36,513 English, 523 Welsh, 8,412 Scotch and 2,137 Irish. In addition ing plant would be removed to the have made estimated cost of changes to these 38,724 came from the United States and 5,114 from other countries, or 91,20 in all.

- By an order-in-council passed on Dec. 24 last, it was ordered that hereafter mechanics, artisans and laborers, except the three classes already mentioned, must have sufficient to pay fare to destination if coming from the United States, and \$250 in cash. For immigrants landing at ocean ports from overseas the conditions are the same.

Eight parties of household workers have recently come 1400.00 from the British Isles. Many skilled workers for whom there happens to be a call in industry are also beginning to arrive. No farmers or farm laborers have yet come in, however.

BOLSHEVIK TROOPS NOW HOLD MUCH TERRITORY IN SIBERIA

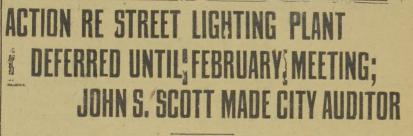
(Special to the Mail.)

Paris, Jan. 20.-Bolsheviki troops now ocupy all of the territory in Siberia west of Krasnoyarsk, from which they have \$ 200.00 driven Admiral Kolchak's forces, according to despatches received here.

The military successes of the Soviet forces were the cause business to another company. of the action of the Allies in deciding to permit the re-opening of trade with Russia, according to a wireless statement from 5000.00 Moscow, picked up here, in which industrial Russia is urged to 1500.00 apply itself to its tasks. The message says: "The blockade ring City Council had a proposition from the company and ref 13ed for Street Lighting. These two ma- Coal Saving 1200.00 has been broken by the victories of the Red army. The army

of labor has started its campaign. The workers defeated the \$11050.00 enemy when thousands of faithful hands took up the matter. Total ex. Pumping Station .. \$12875.00 To your lathes, machines and hammers and shovels. There is had been taken toward buying current from it. work for horny hands.'

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McDowell and Vaughan Reports to be Given Each Member for Consideration-Entire Change in the System of Auditing City Accounts is Contemplated-Extension of Lights to Victoria Mill Suggested, Also Up the Woodstock Road-Insurance on City Hall Increased-Vote on the Appointment of an Auditor.

The City Council last night deferred action on the matter of the street lighting system until the regular meeting in February. The report of City Engineer McDowell was presented to the Council an dread. There was discussion upon it. Before the next meeting copies of this report and the Vaughan report, prepared some years ago, will be furnished all members of the Council. During the discussion which took place the City Engineer leaned very noticeably toward a municipal plant and his report, which is published elsewhere in this paper,

shows that he estimates that the city can light its streets cheaper by maintaining its own plant than by purchasing current from the Maritime Electric Company.

In addition to considering the report mentioned, the Council increased the insurance on the City Hall from \$25,000 to \$40,000, and appointed John S. Scott City Auditor in the place of A. A. Sterling, resigned. The new Auditor served overseas for some time, returning with the rank of captain. At one time he was an alderman. An entire change in the system of auditing is in contemplation.

Mayor Hanson suggested the extension of the street lighting system as far as Victoria Mill and the repair of the highway in that section of the city. Extension of street lighting to the Bailey bridge, was suggested by Ald. McKay.

City Engineer's Report.

The report of the City Engineer on the matter of street. lighting was the first item considered. It provoked general discussion. Mayor Hanson said that he did not want any decision at that meeting. The matter was too important and needed all the consideration which could be given it by every member of the Council.

Ald. Reid said he was not in favor of amalgamation of the pumping station and lighting plant.

Ald. Wilkinson said that there was a rumor afloat that the Maritime Electric Company was preparing to dispose of the

More than one member mentioned watered stock in connection with the present company.

Reference was made to the fact that several years ago the accept it.

His Worship expressed the opinion that it was because the Council of that day was afraid of the company that no action

Ald. Reid wished to know why the city should fear the company. The latter was doing business and selling its product by measure. His recollection was that at the time it was repre-

tric Company, at a rate per K.W. of Purchase 1-93.7 K.V.A. 1200 5 cts., City to install two constant curman to take charge of the Station and 3-25 K.W., 5.5 Amp Constant attend to the distribution. 163250 K. W. at 5c \$8162.50 Labor of one man at 40c per hour. av. 10 hrs. per day for 1460.00 365 days Two Transformers at \$675.00 each, \$1350.00, Interest at 5 per cent, 67.50 Connecting Material 200.00 This will involve a further expense to the City for a new Fire Alarm at this station, which is at the present time given from a steam whistle. New compressed air alarm approximate \$5000 which at 5

per cent interest 250.00

Thus the rate City would pay for current supplied from the Maritime K.W.

Plan Number 2

Would involve moving from Carleton Street Plant to the City Pumping as in 1914, and less tham in 1912. opportune for the City of Fredericton year. suggest that you consider the advisaover this situation very carefully and 22 new lamps and fixtures 600.00 night. would suggest that in order to accomplish this a direct connected Alternating Current Generator set be installed Ex. from 1919 City Clerk's necessary Street Lighting transform- Less extraordinary expenses . 1894.00 Court of King's Bench who has been Victory Bonds, 1937 103% ers and panels. The present boiler, power is of sufficient capacity to take care of this load, which at present is

be more than 80 K.W. With increased would not bring the rate per K.W. morning. lighting required for the City you will more than 5.5 cents.

readily see that this would be a seving by adopting this method. We would

R.P.M. 2200 Volts Generator\$1764.00 rent Transformers, 30 K.W., also one 1-21/4 K. V. A. Excitor 264.00 current transformers at \$675.00 2025.00 Installing, connecting same ... 200.00 Use present control panels. Use total output meter now at Sewerage Pumping Station. Generator plant not in use at Sewerage Plant, this outfit at Sewerage Pumping Station is valued at \$675.00

> With this outfit you can dispense adjournment was made until this afwith one man at a saving to the City ternoon, when the order of business

\$9890.00 expense except for actual coal con- sion.

sumed per K.W.H. This plant has been operated very Electric Company would be 6 cts per successfully the last few years, with practically no increase in annual expenses.

Cost of operation this year is same Station. It looks as if the time is now With extraordinary expenses this

to stall a modern and efficient method Cement floor in coal shed\$450.00 of generating current,, and I would Extra coal on hand over Dec. 31 1918 in Dec. 31, 1919 444.00 and pumping plant. I have looked Cne half new roof 150.00 the boiler went wrong during the U.S. Steel 105%

\$1894.00

This would make a rate per K. W. of of his collar-bones by a fall, was able

Respectfully submitted.

G. C. McDOWELL, is a guest at the Queen Hotel.

E. W. WIELVILLE IU UUNFER A TITLE ON IS WARDEN **OF CARLETON**

(Special to the Mail.)

Woodstock, N. B., Jan. 20 .- The Senators and Deputies are circulating County Council met this morning in among the members of Parliament a semi-annual session and elected E. W. resolution to confer upon Premier Cle-Melville, of Peel, Warden. The new menceau the title of "Savior of the 675.00 official has been a member of the Country." It is proposed to pass an

\$4928.00 many councillors not having arrived,

Further you will be expected to in- will be taken up. It is expected that STOCK crease your lighting about the City, action will be taken on the erection 50 per cent, this will involve no extra of a soldiers' monument at this ses-

> Court Stesographer III Owing to the illness of S. D. Simmons court stenographer Miss Mary McCarthy acted as reporter at the sittings of the York Court of King's American Wool 1501/2 Bench this morning.

Smythe Street School Closed

until Thursday because of a defect in Marine pfd. 961/4

Again Attending to Duties

in Victoria Public Hospital for some

\$7606.00 weeks following the breaking of one

only about 45 K.W., and would never 4.94, or the actual money expended to attend to his duties at court this

Mr. Donald Fraser of Plaster Rock guest at the Barker House. sented to the Council that the city plant was in good condition and would give efficient service for years. Mayor Hanson—"Well, it has lasted for six years."

Ald. Reid looked up the matter of the cost of operation of the plant from 1912 to January 1st inst. The average annual amoun't was \$8,463.50.

On the motion of Ald. Wilkinson, seconded by Ald. Cooper, Paris, Jan. 20.-A number of the the matter was left until the next monthly meeting.

> plete the term of A. A. Sterling, re-Appointment of Auditor. Mayor Hanson announced that as signed, the appointment to take effect the result of the resignation of A. A. at once.

Sterling as City Auditor, four applica. Thomas V. Williams was nominated council for many years. Owing to enabling act to make this title official. tions for appointment to the office had by Ald. Baxter, seconded by Ald. Barbeen received. The applicants were ker.

Major Colin Mackintosh, Thomas V. Those voting for Mr. Scott were Williams, John S. Scott and R. H. Si- Aldermen Cooper, McKay, Wilkinson,

Reid, Camp.

Ald. Reid said there should be a Those voting for Mr. Williams were change in the city audit system. The Aldermen Barker, Baxter, Davidson. duties should not be merely or largely Ald. Burpee did not vote.

clerical, but really those of an auditor. Street Lights for Victoria Mill. A thoroughly competent and qualified Mayor Hanson said he wished to official should be appointed. If pos- press for street lights for Victoria sible he should be a chartered ac- Mill. At present the system extended countant, one who had passed examin- as far as the foot of Forest Hill. The ations. The old system, followed for people in that section deserved lights.

so many years, should be abandoned. They also wanted the road kept in re-It should not be necessary to write out pair. He and City Engineer McDowell had attended a meeting of ratepaya warrant for every payment.

Mayor Hanson said that the warrant ers there and various matters had system was a protection to the City been discussed. The City Engineer had told them that only a concrete Treasurer.

Ald. Wilkinson suggested a vouch- road would stand up to the traffic from Victoria Mill, but that an effort to reer system.

Ald. Reid said a temporary appoint- pair the road could and would be ment of a man to perform the clerical made. One man wanted the lights to work of the office could be made, and a go as far as the mouth of the Wilsey chartered accountant employed. Mr. road. There also had been complaint Simonds, he believed, could not per- about the school, that it received only form the duties, as his present posi- the cast off furniture of other schools, that no fuel but mill wood had been tion would not permit. supplied, that it was not banked and

On the motion of Ald. McKay, sec- the floor was worn out and the tem-Elizabeth Landry of Bathurst is a onded by Ald. Wilsinson, John S. Scott perature inside was below zero. His

was appointed rity auditor, to com-

(Continued on page 4)









monds.

TIGER

1922 991/2

" 1923 991/2

Montreal. Laurentide Pulp 273

Ships pfd. ... 84

(Furnished by J. M. Robinson & Sons,

Bankers and Brokers, Queen

street, Fredericton.)

New York.

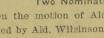
Bethel Steel B. ... 951/4

C. P. R. ... 1291/4

Crucible 2041/4

1933 1021/8

1927 101



Two Nominations.