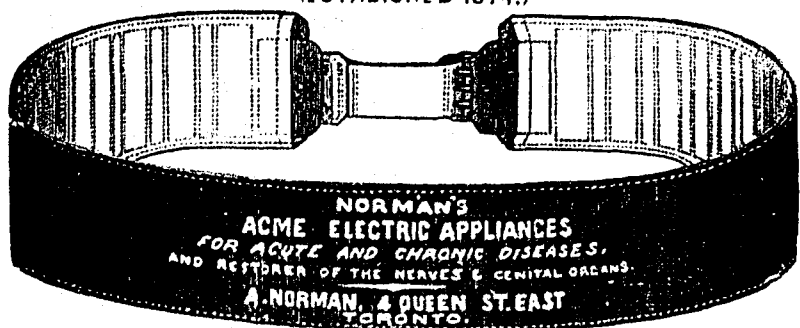


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NOTICE TO CONTRACTORS.

SEALED Tenders, addressed to the undersigned, and endorsed "Tender for Nicoret Works," will be received until THURSDAY, the 25th August next, inclusively, for the construction of works at the mouth of the River Nicoret, Quebec, according to a plan and Specification, to be seen on application to Theophile St. Laurent, Esq., Mayor, Nicoret, or at the Department of Public Works, Ottawa, where printed forms of tender can be obtained.

Persons tendering are notified that tenders will not be considered unless made on the printed forms supplied and signed with their actual signatures.

Each tender must be accompanied by an accepted bank cheque, made payable to the order of the Honourable the Minister of Public Works, for the sum of Three Thousand Dollars, which will be forfeited if the party declines to enter into a contract when called upon to do so. If the tender be not accepted, the cheque will be returned. If the tender be accepted, the party tendering will have to furnish security in cash to the extent of five per cent. of the amount of the tender.

The Department will not be bound to accept the lowest or any tender.

By Order,

F. H. ENNIS,
Secretary.

Department of Public Works,
Ottawa, 25th July, 1881.

NOTICE.

Persons who intend tendering for the above Works are hereby notified that the amount of the cheque to be transmitted with their tender, is Three Thousand Dollars as per the advertisement and form of tender, and not One Thousand as given in error in the specification.

By Order,

F. H. ENNIS,
Secretary.

Department of Public Works,
Ottawa, 25th July, 1881.



NOTICE TO CONTRACTORS.

SEALED Tenders, addressed to the undersigned and endorsed "Tender for Boiler Heating apparatus, &c.," will be received until WEDNESDAY, August 24th, for Heating apparatus required for the Penitentiary at Stony Mountain, Manitoba.

Plans, specifications, &c., can be seen at the office of J. P. M. LeCourt, Esq., Architect, Winnipeg, Man., at the office of D. B. Dick, Esq., Architect, Toronto, and at this Department on and after the 15th day of August, where forms of Tender, &c., and all the necessary information can be obtained.

Tender will be considered unless made strictly in accordance with the printed forms, and in the case of firms, except there are attached the actual signature, occupation and place of residence of each member of the same.

Each tender must be accompanied by an accepted bank cheque, equal to five per cent. of the amount of the tender, which will be forfeited if the party declines to enter into a contract when called on to do so, or if he fails to complete the work contracted for. If the tender is not accepted the cheque will be returned.

The Department does not bind itself to accept the lowest or any tender.

By Order,

F. H. ENNIS,
Secretary.

Department of Public Works,
Ottawa, 11th August, 1881.

UNIVERSITY OF BISHOP'S COLLEGE, LENNOXVILLE.

Michaelmas Term Begins Sept. 10th.

The examination for Matriculation and Bursaries will be held on September 13th. For particulars apply to

EDWARD CHAPMAN,
Secretary.

NOTICE.

THE ANNUAL GENERAL MEETING of the Shareholders of the BRITISH AMERICAN BANK NOTE COMPANY, for the election of Directors and other business, will be held at the Office of the Company, St. John Street, Montreal, on

TUESDAY, 6th SEPTEMBER, 1881, at 4 O'CLOCK P.M.

By Order,

GEO. JNO. BOWLES,

Montreal, 18th August, 1881.

Secretary.

The Scientific Canadian

MECHANICS' MAGAZINE

AND

PATENT OFFICE RECORD

A MONTHLY JOURNAL

Devoted to the advancement and diffusion of Practical Science, and the Education of Mechanics.

THE ONLY SCIENTIFIC AND MECHANICAL PAPER PUBLISHED IN THE DOMINION.

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INVENTIONS AND MACHINERY, &c., or other matter of an original, useful, and instructive character, and suitable for subject matter in the columns of the MAGAZINE, and not as an advertisement, will be illustrated at very reduced rates.

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Manager.

THIS PAPER

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NEW YORK.

1881.



1881.

CANADA'S GRAND

EXHIBITION

TO BE HELD IN

MONTREAL, P.Q.,

— FROM —

14th to 23rd SEPTEMBER!

Under the Patronage of His Honour the Lieut.-Governor of the Province of Quebec.

\$25,000 IN PRIZES!

This Exhibition promises to surpass any that has heretofore been held in the Dominion.

IT IS DIVIDED INTO THREE PRINCIPAL DEPARTMENTS:

AGRICULTURAL! INDUSTRIAL! HORTICULTURAL!

OPEN TO THE WORLD.

With a view of affording increased accommodation, the Exhibition Grounds have been extended, and the Buildings enlarged.

Ample provision is made for the display of Machinery in motion, and for the Exhibiting of Processes of Manufacture.

Many New and Interesting Features will be introduced in connection with the Exhibition.

Arrangements are being made for a GRAND EXPOSITION OF FRENCH INDUSTRIES, to be sent direct from Paris to Montreal, for this Exhibition.

It is expected that contributions will also be sent from other Foreign Countries.

The magnificent and world-renowned SS. *Parisian* will be in the Port during the time of the Exhibition.

GRAND DAIRY EXHIBIT!

Among the numerous other attractions,

SPECIAL PRIZES

On a magnificent scale, are offered by the Exhibition Committee and the Produce Merchants of Montreal, for exhibits of Butter and Cheese!

PRACTICAL WORKING DAIRY!

The Committee have made arrangements for a Butter and Cheese Factory in full operation during the entire Exhibition.

This promises to be one of the most interesting features of the Exhibition.

GRAND DISPLAY OF HORSES AND CATTLE!

Horses and Cattle will be shown in the Ring, between 2 and 5 p.m. each day, commencing Friday, 16th September.

Special Attractions!

Arrangements have been effected to supplement the Exhibition proper, by Special Attractions or an extraordinary character, embracing:—

TORPEDO DISPLAYS IN THE HARBOUR!

Demonstrating by a series of thrilling experiments on the River, the destructive effects of Torpedo Warfare, in this instance, against vessels of a large size provided for the purpose.

GRAND MILITARY DISPLAYS!

TORCHLIGHT PROCESSIONS AND FIREWORKS!

In the Evenings, specially designed on a scale of surpassing magnificence, eclipsing anything heretofore witnessed in Canada. Also,

ELECTRIC LIGHT EXHIBITION!

HORSE JUMPING!

GRAND ATHLETIC TOURNAMENTS

— AND —

FIREMEN'S COMPETITION, &c., &c.

A Programme of all the Attractions will be issued at a Later Date!

INCREASED FACILITIES WILL BE PROVIDED FOR REACHING THE GROUNDS.

Arrangements have been made with the Railway and Steamboat Companies to run Cheap Excursions and to issue Return Tickets at

REDUCED RATES!

Intending Exhibitors should send in their Entries without delay.

For Prize List, Entry Forms, or any other information, apply to the undersigned,

S. C. STEVENSON.

Sec. Industrial Dept.,

181 ST. JAMES STREET.

GEO. LECLERC.

Sec. Agr'l. Dept.,

63 ST. GABRIEL STREET.