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Each of two sets of CHILLED IRON ROLLS,—one of 14 inches diameter by 33 in length; the other, 13 1/2 inches diameter by 25 in length. Both Machines are powerful and in good running order, and could be used for rolling Metal, Leather, Paper, Straw-Board, Cloth, &c. Will be sold cheap and upon satisfactory terms. Apply to

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### ST. LAWRENCE CANALS.

Notice to Contractors.

SEALED TENDERS, addressed to the undersigned and endorsed "Tender for St. Lawrence Canals," will be received at this office until the arrival of the Eastern and Western mails on TUESDAY, the 13th day of November next, for the construction of a lock and regulating weir and the deepening and enlargement of the upper entrance of the Cornwall Canal.

Also for the construction of a lock, together with the enlargement and deepening of the upper entrance of the Rapide Plat Canal, or middle division of the Williamsburg Canals.

Tenders will also be received until TUESDAY, the 27th day of November next, for the extension of the pierwork and deepening, &c., of the channel at the upper entrance of the Galops Canal.

A map of the head or upper entrance of the Cornwall Canal and the upper entrance of the Rapide Plat Canal, together with plans and specifications of the respective works, can be seen at this office, and at the Resident Engineer's office, Dickenson's Landing, on and after Tuesday, the 30th day of October next, where printed forms of tender can be obtained.

A map, plans and specifications of the works to be done at the head of the Galops Canal can be seen at this office and at the lock keeper's house, near the place, on and after TUESDAY, the 13th day of November next, where printed forms of tender can be obtained.

Contractors are requested to bear in mind that tenders will not be considered unless made strictly in accordance with the printed forms, and—in the case of firms—except there are attached the actual signatures, the nature of the occupation and residence of each member of the same; and further, an accepted Bank cheque for the sum of Two Thousand Dollars must accompany the Tender, which sum shall be forfeited if the party tendering declines entering into contract for the works at the rates and on the terms stated in the offer submitted.

The cheques thus sent in will be returned to the respective parties whose tenders are not accepted. This Department does not, however, bind itself to accept the lowest or any tender.

By order,  
**A. P. BRADLEY,** Secretary.

Dept. of Railways and Canals,  
Ottawa, 23th Sept., 1883.

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EDITOR—HENRY T. BOVEY, M.A. (Camb.), Associate Memb. Inst. C.E.; Memb. of Inst. M.E. (Eng.) and American Inst. M.E., Professor of Civil Engineering and App. Mechs., McGill University.

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It is hoped that the MAGAZINE will also be a medium for the discussion of questions bearing upon Engineering in its various branches, Architecture, the Natural Sciences, etc., and the Editor will gladly receive communications on these and all kindred subjects. Any illustrations accompanying such papers as may be inserted will be reproduced with the utmost care.

A space will be reserved for Notices and Reviews of New Books, and Resumes will be given of the Transactions of various Engineering and Scientific Societies.

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