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CANADIAN CONTRACT RECORD

A Weekly Journal of Advance Information and Public Works.

ITS PURPOSE: TO SUPPLY TO CONTRACTORS ADVANCE INFORMATION RESPECTING CONTRACTS OPEN TO TENDER, AND TO ARCHITECTS, ENGINEERS, MUNICIPAL AND OTHER CORPORATIONS, A DIRECT MEDIUM OF COMMUNICATION WITH CONTRACTORS.

ITS MERIT: ECONOMICAL AND EFFECTIVE SERVICE.

Vol. 2.

Toronto and Montreal, Canada, June 27, 1891.

No. 20

THE CANADIAN CONTRACT RECORD,

A Weekly Journal of Advance Information and Public Works,

PUBLISHED EVERY SATURDAY

As an Intermediate Edition of the "Canadian Architect and Builder."

Subscription price of "Canadian Architect and Builder" (including "Canadian Contract Record"), \$2 per annum, payable in advance.

C. H. MORTIMER, Publisher,

14 KING ST. WEST, TORONTO, CANADA.
Telephone 2362.

64 Temple Building, Montreal.
Bell Telephone 2299.

Information solicited from any part of the Dominion regarding contracts open to tender.

ADVERTISING RATES ON APPLICATION.

At its Convention held in Toronto, Nov. 20 and 21, 1889, the Ontario Association of Architects signified its approval of the CANADIAN CONTRACT RECORD, and pledged its members to use this journal as their medium of communication with contractors with respect to advertisements for Tenders.

The following resolution was unanimously adopted at the First Annual Meeting of the Province of Quebec Association of Architects, held in Montreal, Oct. 10th and 11th, 1890: "Moved by M. Perrault, seconded by A. E. Dunlop, that we the Architects of the Province of Quebec now assembled in Convention being satisfied that the CANADIAN CONTRACT RECORD affords us a direct communication with the Contractors, - Resolved, that we pledge our support to it by using its columns when calling for Tenders."

The publisher of the "Canadian Contract Record" desires to ensure the regular and prompt delivery of this Journal to every subscriber, and requests that any cause of complaint in this particular be reported at once to the office of publication. Subscribers who may change their address should also give prompt notice of same, and in doing so, should give both old and new address.

TENDERS

Will be received at my office until MONDAY at 12 o'clock for the erection of a House on Sanguinet Street, Montreal, the property of A. A. Latour, M.B.

J. H. BERNARD, Architect,
Cor. Craig & St. Lawrence Sts.

Bishop's College Chapel, Lennoxville, P.Q.

Tenders are invited for the rebuilding of Chapel, Bishop's College, Lennoxville. Only tenders including all trades will be entertained. Plans and specifications may be seen on and after Saturday, June 27th, at the office of the Clerk of Works, on the College grounds, Lennoxville, and at the office of the Architects, Messrs. Taylor & Gordon, 43 St. Francois-Xavier Street, Montreal. Sealed tenders to be sent to the undersigned not later than 12 o'clock noon on THURSDAY, JULY 2ND. It is not guaranteed that the lowest or any tender will be accepted.

EDWARD CHAPMAN,
Sec'y Chapel Committee,
Bishop's College, Lennoxville, P.Q.

TENDERS

Will be received up to JULY 3RD, 1891, for the erection of a Bridge over the Humber River near Rountree's mill, about half a mile south of the town line between York and Vaughan.

For particulars apply to the undersigned.

JOHN T. STOKES, C.E.,
County Engineer.

Co. Engineer's Office, Court House,
Toronto, June 22nd, 1891.

Education Department,

Toronto, 25th June, 1891.

Tenders will be received by the undersigned until the 2ND DAY OF JULY NEXT, for Three Hundred Single Desks, in two sizes, for the new Upper Canada College. The tender should be accompanied with a sample of the desk to be left in the gymnasium of the Normal School.

Tenders will also be received for Sixty Desks for the commercial department of the College. Drawings of this desk should be submitted with the tender.

GEO. W. ROSS,
Minister of Education.

TO CONTRACTORS.

Sealed Tenders will be received at the office of the London Water Commissioners on or before

TUESDAY, 30TH INST.,

10 a.m., for stone and timber work of stop-log opening in water works dam. Plans and specifications may be seen at the aforesaid office.

The lowest or any tender not necessarily accepted.

WM. JONES,
Chairman Water Commissioners.
THOS. H. TRACEY,
Engineer and Superintendent.



NOTICE TO CONTRACTORS.

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up to Eleven o'clock a.m. of TUESDAY, JUNE 30TH, 1891, for the construction of the following works:

ASPHALT PAVEMENT:
Melinda Street, from Yonge Street to Bay Street
Jordan Street, from King Street to Wellington Street.

CEDAR BLOCK PAVEMENT
Rosedale Road, on plank foundation, from North Drive to Roxboro' Street.
Cawthra Square, from Jarvis Street westerly, and around the Square.

COBBLE STONE PAVEMENT:
Rossin House Lane, from York Street to east terminus.

Plans can be seen and forms of tender obtained on and after 23rd June, inst., at the City Engineer's office.

A deposit in the form of a marked cheque, payable to the order of the City Treasurer, for the sum of 5 per cent. on the value of the work tendered for under \$1,000, and 2 1/2 per cent. over that amount, must accompany each and every tender, otherwise it will not be entertained. All tenders must bear the bona fide signatures of the contractor and his sureties (see specifications), or they will be ruled out as informal.

The Committee do not bind themselves to accept the lowest or any tender.

JOHN SHAW,
Chairman Committee on Works,
Committee Room, Toronto, June 18, 1891.

MONTREAL BOARD OF TRADE.

Tenders for Erection of its New Building.

Tenders for the erection of the new building for the Montreal Board of Trade will be received by the Building Committee up to MONDAY, 20TH JULY, inclusive. Tenders to be upon forms to be supplied by the Secretary, to whom they should be addressed. The specifications, conditions and drawings can be seen at the Board's office. Each tender must be for the whole building complete. The Building Committee reserves to itself the right to reject any or all tenders.

By order, GEO. HADRILL,
Secretary.

Office Board of Trade, 10 St. John Street,
Montreal, 25th June, 1891.

TENDERS

WILL BE RECEIVED UNTIL 12 O'CLOCK NOON,

TUESDAY, JUNE 30, 1891,

For all trades required in the erection of Kilburn Hall on Dundas Street, Toronto Junction. Security will be required.

No tenders necessarily accepted.

Plans and specifications to be seen at my office

JAMES A. ELLIS, Architect.

Peake's Block, Toronto Junction.

To Contractors.

SEALED TENDERS

Will be received by High School Board of Aurora for a new

BRICK SCHOOL

UP TO 12 O'CLOCK NOON,

SATURDAY, JULY 11th, 1891.

Plans, specifications, etc., at Medical Hall, Aurora, and at office of Robert & A. L. Ogilvie, Architects, 59 Yonge Street, Toronto.

All tenders must be addressed to Dr. Rutherford, Aurora, Ont.

The lowest or any tender not necessarily accepted.

A WRINKLE IN SAWING. - A try square is not always at hand when it is desired to saw a stick, and when it is handy some mechanics prefer to work by "guess" than otherwise. When a bright, straight saw is placed upon a stick, or on the edge of a board, the reflection of the stick or board in the saw is sufficiently well defined to permit of placing the saw so that the reflected image coincides with the object reflected, forming a continuous straight line. If the sawing is done while the image and stick are in line, the stick will be cut at right angles. It is obvious that a line may be drawn at right angles to the stick. If, after forming this line, the saw be placed across the stick so that the line and its reflected image, and the stick and its reflected image, form a square, with the reflected image and the stick lying in the same plane, the stick may be sawed at an angle of 45°, provided the saw is held in the same position relative to the stick. - *Manufacturer and Builder.*

CONTRACTS OPEN.

WOODSTOCK, ONT.—The Council has selected a site for a House of Refuge.

ORANGEVILLE, ONT.—A system of waterworks for the town is being discussed.

ELMIRA, ONT.—A site has been chosen on which to erect a railway station.

ANTAGONISH, N. S.—A movement is in progress to introduce a system of electric street lighting.

REGINA, N. W. T.—The town council are issuing debentures to the amount of \$20,000 for drainage purposes.

MORRISBURG, ONT.—The Council are discussing the purchase of an electric light plant for street lighting.

DARTMOUTH, N. S.—Mr. E. L. Home intends erecting a fine residence on the site of the one recently destroyed by fire.

NEWBURY, ONT.—The School Trustees have decided to ask the Council for \$3,000 for the erection of a new school house.

MINICO, ONT.—Mr. A. McPherson, Township Clerk, Islington, will receive tenders until July 4th for sidewalks for this place.

ST. JOHN, N. B.—New plans are to be prepared for the additions to the Victoria School annex, in order to diminish the cost of erection.

LISTOWEL, ONT.—It is said to be the intention of Mr. F. H. Rolls to erect a block of stores on the site of the old Grand Central Hotel.

GANANOQUE, ONT.—Mr. J. B. Turner will erect a hotel to cost about \$35,000, provided he is exempt from taxation for a term of years.

WATERFORD, ONT.—The Reeve, Mr. Bowlby, is endeavoring to secure the construction of a water works system for fire protection purposes.

GUELPH, ONT.—A meeting was held recently to make arrangements for plans, etc., for the erection of the proposed addition to the Poor-house.

OTTAWA, ONT.—The Mayor has called a public meeting of the citizens to consider the erection of a "Macdonald Memorial Institute" for the Dominion.

VICTORIA, B. C.—The by-law to grant \$25,000 to the British Columbia Agricultural Society for the erection of new buildings has been carried by the ratepayers.

GODERICH, ONT.—The Huron County Council has been asked by the County Council of Bruce to consider the advisability of erecting a Union House of Refuge.

KINGSTON, ONT.—The citizens intend to erect a monument to the late Sir John Macdonald, to cost \$25,000. A site has been chosen known as Murvey Tower Park.

NEW WESTMINSTER, B. C.—The authorities of the Anglican Parish have purchased a site on the west side of Douglas road for the erection of a new English Church.

BROCKVILLE, ONT.—The Brockville, Westport & Sault Ste. Marie Railway has been purchased by an American syndicate, who it is stated will extend the road to Palmer's Rapids.

OWEN SOUND, ONT.—A by-law has been carried by the ratepayers granting a bonus of \$75,000 to the Grand Trunk Railway for an extension of their line from this place to Allenford or Parkhead.

VANCOUVER, B. C.—Plans have been prepared for the erection of a new building for the Bank of Montreal.—An eastern capitalist has purchased a lot on the corner of Westminster Avenue and Harris St., and will erect three stores thereon.

QUEBEC, QUE.—The question of a bridge over the St. Lawrence, at Quebec, was discussed at a meeting of the council of the Board of Trade on the 25th inst., and it was decided to make renewed representations to the Government on the subject.

GALT, ONT.—The Town Council at their last meeting passed a resolution that the necessary

papers required in the building of the subway by the C.P.R. be signed by the Mayor and clerk, and that the matter be proceeded with as early as possible.

WINDSOR, ONT.—The town council has offered the county council a free site for the erection of the county buildings here.—A by-law will be voted on by the ratepayers on August 24th to raise the sum of \$14,500 to extend the waterworks system to Sandwich.

LONDON, ONT.—Tenders are invited until the 30th inst. at 10 o'clock a. m., by Wm. Jones, Chairman of the Water Commissioners, for stone and timber work of stop log opening in water works dam.—Ditches are to be dug in the Hay swamp. The cost will probably be \$15,000.

STRATFORD, ONT.—William Hepburn, Chairman Fire, Water and Light Committee of the council, will receive tenders until noon of the 15th July for lighting the streets.—Tenders will shortly be asked by the Stratford Oil & Gas Co. for the boring of five wells at different places, wells to be bored to a depth of 2,500 feet where necessary.—Mr. J. A. Duggan has commenced work on the excavation for a new residence, to be erected on the corner of Nile and Douré streets, at a cost of \$3,500. Mr. Jas. McDonald, of Buffalo, is the architect.

MONTREAL, QUE.—Tenders are invited by the City Clerk until the 2nd July, for the erection of cattle sheds at the Eastern Abattoir Market. Plans may be seen at the office of Messrs. Perrault & Mesnard, architects, 17 Place d'Armes Hill.—A monument will be erected in memory of the late Sir John Macdonald, to cost \$50,000. A site has been chosen on Dominion Square.—Mr. Perrault, architect, has asked the Road Committee for permission to construct a drain for the Court House, across the Champ des Mars to Craig street.—Sewers will be constructed on the following streets: Ontario street, from German street to St. Constant street; Pine avenue, from Park avenue towards Mance street.—The Building Committee of the Montreal Exposition will visit the grounds to ascertain what improvements should be made in the system of drainage.—Mr. A. Davis offers to construct an elevated railway from Lachine to Maisonneuve, if the Council will assume the responsibility for claims for damages arising out of land expropriation.

HAMILTON, ONT.—The Hamilton Light & Power Co. are said to be negotiating with Mr. E. G. Zealand for the purchase of his property in the north end with a view to erecting extensive premises thereon.—It is stated that Messrs. E. Martin and C. M. Counsell will erect a large brick building on the corner of James and Main streets, for banking and law offices. The cost will be in the neighborhood of \$60,000.—Building permits have been granted as follows: Thomas Allan, one store on York street, between Ray and Pearl, eight dwellings on Pearl street, and one two-story brick dwelling on East Avenue, between Robert and Barton streets, cost \$9,000; George E. Tuckett, four 3-story brick stores on James street, between Vine and Cannon streets, cost \$7,000; Brown & McBeth, two-story brick dwelling on Ontario avenue, cost \$1,350.—Mr. W. A. Edwards, architect, invites tenders until 6 p. m. of July 1 for the various works required in erecting an addition to a warehouse on Rebecca street.—W. A. Edwards has been appointed architect for the new Sunday School buildings and alterations to the Centenary Church.—Plans for Wm. Coburn's residence are being prepared by W. A. Edwards. The building will cost about \$6,500.

TORONTO, ONT.—Building permits have been issued as follows: J. P. Leacock, two pr. s. d. 2-story and attic bk. dwellings, w. side Rusholme Road, immediately s. of Bloor st., cost \$10,000, A. Blecroft, three att. 2 story bk. dwellings, w. side Melbourne Place, cost \$4,000, Jas. Way, four det. 2 story and attic bk. dwellings, w. side Bathurst st., immediately above Robinson st., cost \$10,000; G. Phillips, two pr. s. d. and one det. 2-story and attic bk. dwellings, e. side Euclid ave., immediately n. of College, cost \$20,500; J.

H. King, two pr. s. d. a 2-story and attic bk. dwellings, n. e. cor. Markham and Harbord sts., cost \$15,000; E. C. Bell, pr. att. 2-story r. c. dwellings, rear 259 Niagara st., cost \$1,000; George Sinclair, five att. 2-story bk.-clad dwellings, e. side Clinton st., 450 feet of s. Bloor, cost \$10,000; W. H. Hutchison, pr. att. 2-story and attic bk. dwellings, 27 Senon st., cost \$2,300; H. Stringer, pr. s. d. 2-story and one det. b. f. dwellings, w. side O'Hara avenue, cost \$3,000; W. H. Bush, pr. s. d. and one det. 2-story b. f. dwellings, 528-32 Givens st., cost \$6,000; J. Hall, pr. s. d. 2-story bk. dwellings, e. side Delaware ave., cost \$6,000; J. V. Clark, pr. 1-story bk. stores, e. side Yonge st., n. of Wellesley, cost \$5,000; A. J. Hunt, three pr. s. d. 2-story and attic bk. dwellings, s. side Springhurst ave., nr. R. R. track, cost \$18,000.

CONTRACTS AWARDED.

CARBERRY, MAN.—Mr. Thos. Huchell has awarded the contract for the erection of his brick block to Mr. Bossons, of Portage la Prairie.

YARMOUTH, N. S.—Messrs. Rhodes, Curry & Co. have been awarded the contract for erecting the branch of the Bank of Nova Scotia here at the sum of \$16,000.

HAMILTON, ONT.—Wm. Lee & Son, bakers are putting up new storehouse and barns in rear of their manufactory. The contractors are: carpenter work, Sage & Small; mason work, Doidge & Son; roofing, J. E. Reddell; painting and glazing, Ross Bros.—Messrs. Hannaford Bros. have received the contract for plastering the Bank of Hamilton.

WOODSTOCK, ONT.—The new tenders for the erection of the Court House have been received as follows: Oakley & Holmes, Toronto, \$63,600; E. A. Cawsey, St. Marys, \$62,400; M. A. Piggott, Hamilton, \$60,000; Thos. McClay, Woodstock, \$56,585; A. J. Brown, Toronto, \$59,350; McIntosh & Griffith, Woodstock, \$65,000. The contract was awarded to A. J. Brown.

MONTREAL, QUE.—Tenders for the supply of cast iron pipes have been received by the Water Committee as follows: Drummond, McCall & Co., \$33.15 per ton; H. C. McLaren & Co., \$32.50; W. G. Withers, \$34; Turnbull & Co., \$39.72; Canada Pipe Co., \$35. The total amount of pipes required is 2,575 tons. The tender of H. C. McLaren & Co. was accepted.—Tenders have been accepted as follows for the construction of drains: Fullum extension, Fullum street to Richelieu street, (via Fullum, Lariviere, Dufresne, Iberville and Forsyth streets), Messrs. Sheridan & Heffernan, at \$18 per lineal yard; \$4.60 for tamarac floats; \$15 per thousand for pine planks, laid in position; \$4 for one-inch cradling; \$6.50 for concrete; \$4 for rock excavation; \$6 for 2-inch cradling; \$8.50 for extra brickwork; \$2 per yard for 6-inch drain connections; \$2.25 for 9-inch, and \$3 for 12-inch connections. Clarke street; cross section A for \$4, and cross section B for \$3. R. Parker: \$10.95 for excavation and \$1 for refilling; \$2 for 6-inch connections; \$2.50 for 9-inch, and \$3 for 12-inch. St. Catherine street, from Nicolet street east to Cuvillier street, John Parker; at \$6.63 per yard, and \$2 for 6-inch connections, \$2.30 for 9-inch, \$3 for 12-inch, and \$4 for rock excavation. Drummond street, above Sherbrooke, N. Laporte, for \$4.25; \$2.50 for 6-inch connections, \$3 for 9-inch, and \$4 for 12-inch; \$4 for rock excavation. Lafontaine street, R. Benoit, at \$6.47; \$2.25 for 6-inch connections, \$3 for 9-inch, \$4 for 12-inch and \$4 for rock excavation. Ontario street, from Nicolet street to Moreau street, N. Laporte, at \$5.60; same prices for connections and excavation as on Drummond street, Stadacona street, from Nicolet to St. Germain street, N. Laporte, at \$19.75 per yard; same prices for connections and excavations as on Drummond street.—Mr. W. H. Hodson, architect, let contracts on the 15th inst., as follows: Four cut stone houses, Favard street and Ash avenue, stone, Alph. Charette; brick, St. Aubin Housseau; carpenter, René Gorerton. On June 26th, Mr. Hodson let contracts for all trades required in erection of four brick and stone houses, Bourgeois street, to John Galloway, at the price of about \$14,000.—C. A. Martin & Co., of this city, have the contract to put one hundred and eighty drop annunciators into the Hotel Roberval at the noted summer resort, Lake St. John, P. Q.

THE TESTING OF METAL CASTINGS FOR FLAWS.

One of the difficulties which hitherto has been insurmountable is the detection of flaws in castings and forgings. From time to time various appliances have been introduced, but as yet the discovery of weak spots within a piece remains unsolved. A French engineer, Captain Delaplace, has devised a new apparatus which promises better results. It consists of a small pneumatic tapper worked by the hand, and with which the piece of steel or iron to be tested is tapped all over. Connected with the tapper is a telephone, with a microphone interposed in the circuit. Two operations are required, one to apply the tapper, and the other to listen through the telephone to the sounds produced. These operations are in separate compartments, so that the direct sounds of the taps may not disturb the listener whose province it is to detect flaws. The two, however, are in electrical communication, so that the instant the listener hears a false sound he can signal to his colleague to mark the metal at the point of the last tap. In practice the listener sits with the telephone to his ear, and so long as the taps are normal he does nothing. Directly a false sound—which is very distinct from the normal sound—is heard, he at once signals for the spot to be marked. By this means he is able not only to detect a flaw, but to localize it. Some experiments recently made in England to test the apparatus on samples—steel and iron—belonging to the South-Eastern Railway Company. The first sample tested was pronounced to be bad metal throughout, while in others the flaws were localized. On breaking some of the bars of wrought and cast iron, the positions of the internal flaws were found to have been correctly ascertained. With some samples the inventor was less successful. It remains to be seen whether the "Scisophone"—for so the instrument is called—will serve in the hands of such operators as are likely to be found on engineering works.

EXPANSION OF A LONG STEAM PIPE.

Several months ago, a careful determination of the expansion of a long steam pipe was made by direct measurement, at the University of Minnesota. The pipe was laid in a brick walled trench, or conduit, supported on rollers, and the experiment was made before covering up. This was a 4-inch wrought iron steam pipe, the part measured being a straight section 210,697 feet, or 2528.36 inches long, terminating at each end in an elbow.

The length was first accurately measured (between two points marked on the inner faces of the elbow flanges) by means of a standard steel tape.

At each end of the pipe, a strip of iron was built up in brick piers, so that the strip passed over the top of the pipe, a few inches inside of the elbow flange, with which it was parallel. The strips were stationary and entirely free from the pipe, so that by calipering the distance between a strip and the flange, before and after heating the pipe, the movement at that end could be accurately measured.

This operation was, of course, gone through with at the other end as well, the sum of the two giving the total elongation.

The measurements were taken between 3 and 4 p.m. of a cool, cloudy day, and as the temperature had been very constant for several hours, it was assumed that the temperature of the pipe was the same as that of the air in the conduit, viz., 43 degrees F. Having taken the initial measurements and this temperature, steam was turned on and allowed to remain until no further expansion was observed. The temperature was read by a good thermometer and checked by a steam gauge, both inserted in the pipe. The average temperature was taken at 300 degrees, making the range of temperature 300-43 = 257 degrees. The elongation in the 2528.36 inches of pipe was found to be 2.28 inches at one end and 2.17 inches at the other, giving a total experience of 4.45 inches. The elongation per unit of length per degree Fahrenheit was therefore :

$$\frac{4.45}{2528.26 \times 257} = .0000685 \text{ units.}$$

This means that the expansion per degree F. was .0000685 of an inch per inch of original length, or the same fraction of a foot for each foot of the original length, etc. This is equivalent to an extension of .00822 inches in each 100 feet of original length, per degree, or to a linear expansion of 1.48 inches (nearly) per 100 feet, in changing the temperature from 32 degrees to 212 degrees.

Prices of Building Materials.

LUMBER.

CAN OR CARGO LOTS.	
1 1/2 and thicker clear picks, Am. ins.	\$30 00 @ 32 00
1 1/2 and thicker, three uppers, Am. ins.	37 00
1 1/2 and thicker, pickings, Am. ins.	27 00
1 x 10 and 12 dressing and better.	18 00 20 00
1 x 10 and 12 mill run.	13 00 14 00
1 x 10 and 12 dressing.	14 00 16 00
1 x 10 and 12 common.	12 00 13 00
1 x 10 and 12 spruce culls.	10 00 11 00
1 x 10 and 12 maple culls.	9 00
1 inch clear and picks.	28 00 30 00
1 inch dressing and better.	18 00 20 00
1 inch siding, mill run.	14 00 16 00
1 inch siding, common.	12 00 12 07
1 inch siding, ship culls.	\$10 00 \$11 00
1 inch siding, mill culls.	8 00 9 00
Cull scantling.	8 00 9 00
1 1/2 and thicker cutting up plank.	27 00 25 00
1 inch strips, 4 in. to 8 in. mill run.	14 00 15 00
1 inch strips, common.	11 00 12 00
1 1/2 inch flooring.	14 00 15 00
1 1/2 inch flooring.	14 00 16 00
XXX shingles, sawn.	2 30 @ 2 35
XX shingles, sawn.	1 30 @ 1 35

Metallic Roofing Co. of Canada:

	Per Square.
Eastlake steel shingles (galvanized),	\$5 25 to \$5 75
Eastlake steel shingles (painted)	3 75 4 00
Improved Broad Rib Roofing, (galvanized)	5 00 5 75
Improved Broad Rib Roofing (painted)	3 50 4 00
North Western steel siding (painted).	3 25 3 50
Manitoba steel siding (painted).	3 25 3 50
Metallic Finished Brick.	3 25 3 50
Tower or Mansard shingles, (galvanized).	6 25
Tower or Mansard shingles (painted).	4 50
Metallic Terra Cotta Tiles.	7 00
Price of Copper shingles according to weight, and "Hayes" Patent Metallic Lathing according to quantity.	

Canada Galvanizing & Steel Roofing Co.:

Corrugated Iron, galvanized, 26 W.G., per lb.	5 cts.
Corrugated Iron, galvanized, 28 W.G., per square.	5 1/2
Corrugated Iron, painted, 26 W.G., per square.	4 00
Corrugated Iron, painted, 28 W.G., Broad Rib Roofing, galvanized, per square.	3 50
Broad Rib Roofing, painted.	5 50
Westlake shingles, steel, galvanized, per square.	4 00
Westlake shingles, steel, painted.	5 00
Standard shingles, "Walter's patent," galvanized, per square.	3 50
Standard shingles, "Walter's patent," painted.	5 50
Northwestern steel siding, patented, per square.	4 00
Metallic Finish Brick, per square.	3 50
Metallic Finish Clapboard, per square.	3 25
	3 50

YARD QUOTATIONS.

Mill cull boards and scantling.	10 00
Shipping cull boards, promiscuous widths.	13 00
Shipping cull boards, stocks.	1 00
Herlock canting and joist up to 16 ft.	11 00 14 00
" " " 18 "	12 00 13 00
" " " 20 "	13 00 14 00
Scantling and joist, up to 16 ft.	14 00
" " " 18 ft.	15 00
" " " 20 ft.	17 00
" " " 22 ft.	19 00
" " " 24 ft.	21 00
" " " 26 ft.	23 00
" " " 28 ft.	25 00
" " " 30 ft.	27 00
" " " 32 ft.	29 50
" " " 34 ft.	31 00
" " " 36 ft.	33 00
" " " 38 ft.	35 00
" " " 40 to 44 ft.	36 00
Cutting up planks, 1 1/2" and thicker, dry board.	25 00 26 00
Cedar for block paving, per cord.	18 00 22 00
Cedar for Kerbing, 4 x 14, per M.	5 00 14 00

B. M.

1 1/2 inch flooring, dressed, F. M.	28 00 31 00
1 1/2 inch flooring rough, B. M.	18 00 22 00
1 1/2 " " dressed, F. M.	25 00 28 00
1 1/2 " " undressed, B. M.	18 00 19 00
" " dressed.	18 00 22 00
" " undressed.	12 00 15 00
Beaded sheeting, dressed.	22 00 35 00
Clapboarding, dressed.	12 00
XXX sawn shingles, per M, 16 in.	2 65 2 75
Sawn lath.	2 00 2 20
Red oak.	30 00 40 00
White.	25 00 45 00
Basswood, No. 1 and 2.	18 00 20 00
Cherry, No. 1 and 2.	70 00 70 00
White ash, No. 1 and 2.	25 00 25 00
Black ash, No. 1 and 2.	20 00 30 00
Dressing stocks.	16 00 22 00
Picks, American inspection.	40 00
Three uppers, American inspection.	50 00

BRICK—M

Common Walling.	\$7 50
Good Facing.	9 00
Sewer.	8 50 9 00

Pressed Brick:

Plain brick, f. o. b. at Milton, per M.	\$18 00
" " and quality, per M.	14 00
" " 3rd.	10 00
Hard Building.	8 00
Moulded and Ornamental, per 100.	\$3 10 10 00
Roof Tiles.	74 00
Diamond locking tile.	16 00
First quality, f. o. b. at Campbellville, per M.	18 00
2nd " " " "	14 00
3rd " " " "	11 00
Ornamental, per 100.	\$3 10 10 00
Tiles.	24 00

Stone.

Common Rubble, Per Toise, delivered.	14 00
Large flat " "	18 00
Foundation Blocks, " Cubic Foot.	50

Slate: Roofing (per square).

" red.	18 00
" purple.	9 00
" unslating green.	9 00 14 00
" black slate.	7 75
Terra Cotta Tile, per sq.	25 00
Ornamental Black Slate Roofing.	8 25

Sand:

Per Load of 1 1/2 Cubic Yards.	1 25
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PAINTS. (In oil, per lb.)

White lead, Can.	6 25 6 50
" zinc, Can.	6 1/2 7 50
Red lead, Eng.	5 1/2 6 1/2
" venetian.	1 60 1 75
" vermilion.	90 1 00
" Indian, Eng.	10 12
Yellow ochre.	5 10
Yellow chrome.	15 20
Green, chrome.	7 12
" Paris.	35 40
Black, lamp.	15 25
Blue, ultramarine.	15 20
Oil, linseed, saw (& Imp. gallon).	68 72
" " boiled.	72 75
" " refined.	78 85
Putty.	2 1/2 2 1/2
Whiting, dry.	75 1 00
Paris white Eng., dry.	90 1 25
Litharge, Am.	6 1/2 8
Sienna, burnt.	15 20
Umber, "	8 1/2 12

CEMENT, LIME, etc.

Lime, Per Barrel of 2 bushels, Grey.	40
" " " White	55
Plaster, Calcined, New Brunswick.	2 00
" " Nova Scotia.	2 00
Hair, Plasterers', per bag.	1 00
Cement, Portland, per bbl.	3 00 3 50
" Thorold.	1 50
" Queenston, "	1 50
" Napanee, "	1 50
" Hull, "	1 50

HARDWARE.

Cut Nails:

American Pattern, 1 1/2 inch, per keg.	3 50
" " 1 1/2 to 1 3/4 inch, per keg.	3 70
Canadian Pattern, 1 1/2 inch, per keg.	3 40
" " 1 1/2 to 1 3/4 inch, per keg.	2 95
" " 2 to 2 1/2 inch, "	2 50
" " 2 1/2 to 3 inch, "	2 65
" " 3 inch and larger.	2 40
Steel nails 10c. per keg extra.	
Finishing nails, 1 inch, per keg.	5 45
" " 1 1/2 inch, "	4 65
" " 2 inch, "	4 15
" " 2 1/2 inch, "	5 90
" " 3 inch and larger.	3 90

MONTREAL PRICES.

Lumber, Etc.

Ash, 1 to 4 in, M.	\$13 00	\$18 00
Birch, 2 to 4 inch, M.	15 00	25 00
Basswood	12 00	20 00
Walnut, per M.	50 00	100 00
Butternut, per M.	22 00	40 00
Cedar, flat	00 04	00 06
Cherry, per M.	60 00	80 00
Elm, Soft, 1st.	15 00	17 00
Elm, Rock.	25 00	30 00
Maple, hard, M.	20 00	21 00
Maple, Soft.	16 00	18 00
Oak, M.	40 00	100 00
Pine, select, M.	35 00	40 00
Pine, 2nd quality, M.	22 00	25 00
Shipping Culls	13 00	16 00
Mill Culls	8 00	10 00
Lath, M.	1 50	1 90
Spruce, 1 to 2 inch, M.	10 00	12 00
Spruce Culls	4 50	6 00
Shingles, 1st quality	1 50	3 00
and	1 25	1 50

Cement, etc.

Portland Cement, per barrel	\$ 2 70	3 00
Roman	2 70	3 00
Fire Bricks, per M.	20 00	30 00

Cut Nails:

Hot-cut Am. or Can. pattern, 3 inch and above	2 75	\$2 85
Hot-cut Am. or Can. pattern, 2 1/2 inch and above	3 00	3 25
Hot-Cut Am. or Can. pattern, 2 1/4 and 2 inch	3 25	4 20
Am. pattern, 1 1/2 and 1 1/4 inch hot-cut	3 50	5 60
1 1/2 inch	4 25	5 20
Can. Pattern, cold-cut, 1 1/2 and 1 1/4 inch	3 25	4 45
1 1/2 inch	3 75	4 95
Finishing Nails, per 100 lb. keg, 1 1/4 and 1 1/2 inch		4 50
Finishing Nails, per 100 lb. keg 1 1/2 to 1 3/4 inch		3 85
Finishing Nails, per 100 lb. keg, 2 inch and up		3 50

Paints, etc.

White Lead, pure, 25 to 100 lb. kegs.	6 00	7 00
No. 1	5 25	5 50
No. 2	4 50	5 00
No. 3	4 00	4 50
dry	5 25	5 75
Venetian Red, English	1 50	1 75
Yellow Ochre, French	1 25	3 00
Whiting, London, washed	0 65	0 75
Paris	1 15	1 25

Oils:

Linseed, raw	0 63	0 55
" boiled	0 66	0 58
Olive, pure	1 10	1 15
" machinery	95	1 05
" extra, qt., per case	3 00	3 25
" pts.	2 50	2 60
" 1/2 pts.	2 75	3 10
Spirits turpentine	0 67	0 70

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