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THE

Canadian Contract Record

A Weekly Journal of Advance Information and Public Works.

Vol. 1.

Toronto and Montreal, Canada, June 21, 1890.

No. 19

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.

Temple Building, - Montreal.

Bell Telephone 2259.

The purpose of this journal is to supply Contractors, Manufacturers and Dealers throughout Canada, with advance information regarding contracts open to tender, and to furnish Architects, Municipal and other Corporations with a direct medium of communication with Contractors.

Information from any part of the Dominion regarding contracts open to tender will be gratefully received.

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 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.

USEFUL HINTS.

A new method of preparing the composition for moldings is announced, in which the wood pulp is mixed with bronze powders, aniline or metallic colors, so as to give a uniform color of any desired shade to the pulp.

The swelling of cement, according to recent investigations by the German railways, reported in the *Centralblatt der Bauverwaltung*, is principally due to the magnesia they contain. An examination of the cement used in a bridge which failed recently showed that it contained 24.12 per cent. of magnesia. Many cements, however, which will expand in setting contain very small amounts of this element, and it seems probable that such expansion is not due to one, but to several causes.

The best ordinary process of arresting decay in sandstone, says the *American Architect*, consists in saturating the stone as deeply as possible with a solution of silicate of soda, followed by a solution of chloride of calcium. The double decomposition leaves the pores of the stone filled with silicate of lime, the chloride of sodium washing out. The application of the process requires care, and some experience. The solutions should be applied very weak, and several times, at intervals, alternating the soda and lime solutions. If the silicate of soda solution is too strong it will form a gummy coating, which will prevent the penetration of the subsequent solutions, and will effloresce later, spoiling the appearance of the stone.

Three and a half barrels of lime will do one hundred square yards of plastering, using two coats. Two barrels of lime will do the same amount of plastering with one coat. One and a half bushels of hair will do a hundred square yards of

plastering. One and a quarter barrels of good sand will do a hundred square yards of plastering. One barrel of lime will lay one thousand bricks. Two barrels of lime will lay one cord of rubble stone. One half barrel of lime will lay one perch of rubble stone. One thousand shingles laid four inches to the weather will cover a hundred square feet of surface, and five pounds of shingle nails will fasten them on. One-fifth more siding and flooring is needed than the number of square feet of surface to be covered.

A recent investigator declares that it is a natural rule that wood, under all but the most extraordinary conditions, will warp into a curve opposite to the curve of the rings of growth, and he gives a reason for this peculiarity. His theory is that all the rings of growth in sap wood carry sap from which accumulations of fiber are made, showing also that there is some growth constantly going on with not only the outer ring, but the inner sap rings, as opposed to the presumption of annual growth, and that the growth of each ring has the effect of stretching all the rings outside of it, and that it is evident that the outer surface of any ring so strained must be stretched to a greater degree than the inner surface of the ring; that it is probable that such a strained condition of the fibers is never neutralized, and that as soon as a slab of wood is cut from a log and the continuity of the rings broken, the elastic stress in the outer fibers of the rings comes into action with less resistance, drawing the outer surface of the slab together and causing a warp contrary to the curve of the rings. That all the rings of sap wood carry sap there is thought to be but little doubt. A scientific experiment is mentioned that would seem to settle the question. The scientist sawed horizontally into a tree and inserted into the cut a metal stencil of his own name, the letters being filled with a soluble colored powder. The sap dissolved this as it ran down, carrying the coloring matter with it. The tree was cut down after several seasons and sawed across in several places, the initials being found wherever cut, showing that the sap followed all the rings as far in as the opening had been made, and that there was no lateral connection between the capillary tubes.

TO FIND A LEAK IN AN UNDERGROUND PIPE.

A German paper thus describes a method of detecting leaks in underground gas-pipes: Test holes are sunk in the ground along the lines of the gas mains, and $\frac{1}{2}$ in. wrought-iron pipes about 3 feet long are inserted. In the upper ends of these pipes small glass tubes are placed, each tube containing a slip of paper moistened with chloride of palladium. The test papers turn black under the influence of illuminating gas, the rapidity and distinctness of the reaction depending upon the strength of the palladium solution and upon the volume of escaping gas. Under the most unfavorable conditions, however, an exposure of the test paper for a period of 15 minutes is considered long enough to show whether or no gas is present. The test holes should be placed about 6 feet apart, and should not reach below the line of gas pipe. The main object is to penetrate the more or less compact surface of the street, so that the gas in the ground has a direct and convenient means of escape. In many of the streets of Frankfort-on-the-Main, especially those having asphalt pavement, 1-in. pipes lead through the asphalt and the underlying layer of beton, their lower ends extending to within a short distance of the gas mains. These escape pipes are filled with pieces of sponge, and are closed with cork stoppers. The pieces of sponge are renewed from time to time. The pipes have been found to overcome to a considerable extent, the annoyance of digging up the streets for long stretches with the view of locating leaks in the main.

CALENDAR.											
1890			1890			1890			1890		
Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3
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31	31	31	31	31	31	31	31	31	31	31	31



CONTRACTS OPEN.

SHAWVILLE, QUE.—This town wants a system of water works.

W. TORONTO JUNCTION.—The ratepayers have voted \$50,000 for water works.

ST. CATHARINES, ONT.—The erection of a new Methodist church is to be commenced at once.

LTTHURIDGE, N. W. T.—Sir Alex. Galt has offered to give \$10,000 towards the erection of a hospital at this place.

WINNIPEG, MAN.—The Lake of the Woods Milling Co., of Keewatin, Ont., will erect ten or twelve grain elevators throughout Manitoba.

LEAMINGTON, ONT.—Plans and estimates are invited by the School Board until the 25th inst., for a new building, cost not to exceed \$8,000.

WINDSOR, ONT.—By-laws for the purchase of electric light, and the construction of water works and market buildings have received the approval of the ratepayers.

KINGSTON, ONT.—A meeting of the Separate School Board is to be held at once to receive the report of the Committee appointed to select a suitable site for a new building.

LONDON, ONT.—Plans have been prepared for the block paving of King street, from Richmond to Adelaide streets.—A suitable site is being sought for a new fire station in Ward Six.

ST. THOMAS, ONT.—A syndicate has purchased the street railway and will extend it, and adopt electricity as a motive power. The construction of a line to Port Stanley is contemplated.

HUNTINGDON, QUE.—Mr. Vanier, C. E., has prepared plans for water, sewage and electric light service, and estimates the total cost at \$85,000. The Council are of opinion that the expense is beyond what the village should assume.

OTAWA, ONT.—The Department of Railways and Canals ask tenders on plans and specifications which have been prepared for the enlargement and deepening of the Rapid Plat canal and for the construction of lift locks, weirs, etc., at Morrisburg, Ont.

MONTREAL, QUE.—The Presbyterian College of Montreal is shortly to be enlarged.—Section plans for the opening of Pine avenue are being prepared. It is expected that the whole length within the park, between Carleton road (at the back of the lower reservoir) and Cote des Neiges road, can be opened this season.—A general meeting of the Board of Trade is to be held shortly to receive the report of the Building Committee and the Council, and to authorize the Council to issue bonds to cover the cost of the proposed new building to be erected at the corner of St. Sacrament and St. Peter streets.—A new Roman Catholic school is to replace the one in Panet street. A meeting is to be held this (Saturday) evening to discuss a suitable site and other matters affecting the project.

TORONTO, ONT.—Messrs. Jacobs & Sparrow have decided upon the erection of a new theatre so soon as a suitable site can be secured.—The Disciples of Christ at their recent convention decided to take steps to establish a Bible College for young men in this city.—A sub-committee of the Local Board of Health, consisting of Ald. Lucas, Hewitt and Hill, has been instructed to have plans and specifications for three crematories prepared and receive estimates thereon of the cost of erection. An appropriation is in the hands of the local Board of Health for the work.—Tenders will be received by the Commissioner of Public Works for Ontario until noon on Monday, 30th inst., for the construction of boiler house, coal vault, six steam boilers and pipes and hydrants for fire protection at the Asylum for the Insane, London, Ont.; four steam boilers and steam-heating apparatus at the Asylum for Idiots, Orillia, Ont.; three steam boilers for the Education Dept., Toronto; and fences for jail yards, Sault Ste. Marie.—At

a meeting of the Collegiate Institute Board a day or two ago, it was resolved that the Property Committee be instructed to report on the probable cost of extending Jamieson avenue school building for an addition of 400 pupils.—The following recommendations of the City Engineer have been approved by the Committee on Works. That upon receipt of a petition from property owners interested, a high level bridge be constructed over the Don at King street, at an estimated cost of \$150,000; that cedar block pavements be constructed on Christie and Dupont streets; and sidewalks on Bathurst, St. George and Dupont streets; that a new street be opened up running parallel to and north of the G. T. R., from the intersection of King and Queen streets to the driveway in High Park, at an estimated cost of \$30,000; that new tenders be invited for the construction of the northern extension of the Garrison Creek sewer.—The following building permits have been granted: John McMullen, two 2-storey and attic bk. front houses, Caer Howell St., cost \$1,600; Sons of England, additions to Shaftesbury Hall, cost \$15,000; D. L. Thompson, 3-storey-bk. store, 349 Yonge St., cost \$3,500; Bell Telephone Co., bk. addition to No. 1 Bloor St. east, cost \$1,000.

CONTRACTS AWARDED.

DUTTON, ONT.—The contract for the Methodist church has been awarded to Mr. Heard, of Aylmer, for \$3,200.

LONDON, ONT.—Tenders of R. Dennis, of this city, have been accepted for the erection of three fire escapes and iron stairways for the general hospital and for ornamental iron work for Mr. A. Smith's new hotel.

KINGSTON, ONT.—The successful tenderers for the improvement of St. George's cathedral are I. Newlands, masonry; Rogers & Cook, carpentry; T. McMahon & Co., painting; and McKelvey & Birch, metal work, roofing and plumbing. The total cost of the work will be about \$30,000.

TORONTO, ONT.—Chas. Rogers & Sons & Co., have been awarded the contract for two grades of intermediate double desks for the Toronto public schools, at \$2.60 and \$2.70 each. The tender of the Specialty Manufacturing Company for two grades of "Oxford" desks at \$2.85 and \$2.15 each, was also accepted.—Tenders for stone have been accepted by the Committee on Works as follows: John Matthews, for 70 toise, on the west side of Bellwoods avenue and north of Queen street, price, \$10.80 per toise; and 70 toise on the north side of Britain street, at the same price. Robert J. Aikens, for 25 toise on the north side of Britain street, at \$11.30 per toise. John H. Goldring, for 50 toise on the south side of Osgoode street, at \$11.50 per toise. Richard Goldring, for 50 toise on the south side of Mill street, at \$10.50 per toise.—The Works Committee have accepted the following tenders for stone flag sidewalks. Queen street west, north side, from McCaul street 40 feet easterly, and on McCaul street, from Queen 92 feet northerly, \$4.56 per lineal foot; Queen street west, north side, from St. Patrick's market to John street, \$4.56 per foot; Front street and York street, in front of the Walker House, \$4.56 per foot—Newman Bros. Yonge street, west side, from College street to Bloor street, \$4.19 per lineal foot—McKeown & Challis.—The contract for a granolithic sidewalk at the southeast corner of Queen and Victoria streets, 12-foot 2 inches wide, with 6-inch stone kerb, was awarded to R. Forsyth at \$5.10 per lineal foot. Gardner & Co. were awarded the contract for laying a Eureka sidewalk on the north side of Queen street, from Esther to Vanaukey street, at \$4.10 per lineal foot, 15 cents a foot for resetting, and 80 cents a foot for new kerb.

IRON HOUSES.

Some interesting facts in regard to a new method of building iron houses adopted by the Belgian establishment Forges d'Aiseau for trade in Africa, South America and the Dutch Indies, are given by the Paris *L'Industrie Moderne*. The method heretofore followed in building such iron houses has been to adhere in the main to the design of similar wooden structures, substituting for the wooden frame one of iron, and for the board walls corrugated sheet-iron. The new method practiced at Charleroi is designed to imitate building with blocks of stone, using a sort of sheet-iron box. These boxes consist of two stamped sheets with the edges turned up, held together by short iron cross-pieces having a length corresponding to the desired thickness of wall. The two iron sheets, it will be understood, thus represent two sides of a box, the remaining sides being open, except for the cross pieces. In building up a wall the various layers of these boxes are laid together horizontally by strips of sheet-iron and vertically by small T-irons, the turned up edges of the two sheets which form each box affording means of securing the fastenings. No special foundation is necessary, a double frame of T-iron simply laid down on the level ground serving this purpose. The doors and floors are made of wood, though even here a metal construction could be adopted. As a protection against rusting all the iron-work is galvanized. The form of construction is obviously intended for small houses without unnecessary elaboration, but is said to have been satisfactorily applied to more pretentious structures, such as railway stations, hospital wards and churches.

The "Canadian Contractors' Hand-book," 50 cents to RECORD subscribers.

TENDERS

Will be received at the office of the undersigned up to 5 o'clock p. m. on **MONDAY, JUNE 30TH**, for the erection of a **BRICK RESIDENCE** on Broadview Avenue

The lowest or any tender not necessarily accepted.

MALLORY BROS., Architects,
Room K, Toronto Arcade.



NOTICE TO CONTRACTORS.

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up to noon on **MONDAY, JUNE 30TH**, 1890, for the construction of the following works:

CEDAR BLOCK PAVEMENTS.

Barton Avenue, from Manning Avenue to Euclid Ave., Dunbar Road, from Yonge Street to western terminus; Thomson Street, from Davies Avenue to Monro Street; Rush Lane, from Esther Street to Portland Street; Emsley Place, from St. Joseph Street to the north end; Roxborough Street (on plank foundation), from Yonge Street to its eastern terminus.

Plans can be seen, quantities and forms of tender obtained on and after Tuesday, 24th June, 1890, 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 2½ 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 Rooms, Toronto, June 13, 1890.

CITY PUBLIC SCHOOLS

TO BUILDERS AND CONTRACTORS.

TENDERS

Whole or separate, are requested for the several works required in making certain alterations and additions to the following schools:

BRANT STREET SCHOOL PHEBE STREET SCHOOL

Also for certain Alterations and Additions to OFFICES, corner of York and Richmond streets, and for the several works required in the erection of CARETAKERS' COTTAGES at the following schools:

WELLESLEY, RYERSON, DUFFERIN, LANSDOWNE, BOLTON-AVE. and DUKE-STREET

Tenders also required for

Ornamental Iron Fences, Flag Poles, Picture Moulding, Kalsomining, Liquid Slating for Blackboards, and Hydrants; also for the Midsummer Repairs.

Plans and specifications may be seen on and after Wednesday, June 18th inst., and all information obtained at the office of C. H. Bishop, Superintendent of School Buildings.

Tenders on forms supplied by the Superintendent of School Buildings are to be delivered at the office of the Secretary-Treasurer of the Public School Board on or before **FRIDAY NOON, JUNE 27**.

Each tender must be accompanied by an accepted bank cheque for 5 per cent. of the amount of tender, as per regulation of the Board. The lowest or any tender will not necessarily be accepted.

W. C. WILKINSON,
Sec.-Treas. Toronto P. S. Board.

JAMES KERR,
Chairman of Committee.

TENDERS

Will be received up to 5 o'clock p. m. on **THURSDAY, JUNE 26TH**, for the erection of a

Factory Building at Mimico.

The lowest or any tender not necessarily accepted.

DARLING & CURRY,
Mail Building.



TORONTO WATER-WORKS.

TO BUILDERS.

The Committee on Waterworks will receive by registered post only up to the hour of noon on **MONDAY 30TH JUNE**, tenders for all the work required in connection with the enlargement and reconstruction of the building occupied by the Engineer in charge at the High Level Pumping Station, Rathnelly avenue and Poplar Plains road. Plans and specifications may be seen and all information obtained at the office of Mr. J. A. Fowler, architect and civil engineer, 13 Victoria street, Toronto. Each tender must be accompanied by a marked cheque for five per cent. of the amount of the tender, and the names of two good and sufficient sureties for the performance of the work if such tender is accepted.

The lowest or any tender not necessarily accepted.

WILLIAM J. HILL,
Chairman Waterworks Committee.

Waterworks Department, City Hall,
Toronto, 13th June, 1890.



NOTICE TO CONTRACTORS.

Tenders will be received by registered post, addressed to the City Engineer, up to 12 o'clock noon of the **30TH DAY OF JUNE**, 1890, for the construction of the following works, viz.:

SEWERS:

Liberty st., Fraser to Jefferson ave.
Fraser ave., King street to south terminus.
Pardee ave., Liberty st. to south terminus.
Brock Ave., Bloor st. to north terminus.
Jefferson ave., King st. to south terminus.
Garrison Creek, Colledge st. to Bloor st.

Plans can be seen and forms of tender obtained on and after the 19th 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 2½ 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.

(Signed) JOHN SHAW,
Chairman Committee on Works.

Committee Room, Toronto, June 17th, 1890.



Sealed tenders addressed to the undersigned, and endorsed "Tender for Post Office, &c., Vancouver, B. C.," will be received at this office until **Tuesday, 15th July, 1890**, for the several works required in the erection of Post Office, &c., Vancouver, B. C.

Specifications can be seen at the Department of Public Works, Ottawa, and at office No. 2, Lefevre Block, Hastings street, Vancouver, B. C., on and after **Tuesday, 17th June**, and tenders will not be considered unless made on form supplied and signed with the actual signatures of tenderers.

An accepted bank cheque, payable to the order of the Minister of Public Works, equal to five per cent. of amount of tender, must accompany each tender. This cheque will be forfeited if the party decline the contract, or fail to complete the work contracted for, and will be returned in case of non-acceptance of tender.

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

By order, A. GOBEIL,
Secretary.

Department of Public Works,
Ottawa, 8th June, 1890.

Prices of Building Materials.

LUMBER.

CAR OR CARGO LOTS.	
1½ and thicker clear picks, Am. ins.	\$30 00 @ 31 00
1½ and thicker, three upper, Am. ins.	37 00
1½ and thicker, pickings, Am. ins.	27 00
1 x 10 and 12 dressing and better.	13 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 15 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 15 00
1 inch siding, common.	11 00 12 00
1 inch siding, ship culls.	10 00 11 00
1 inch siding, mill culls.	8 00 9 00
Cull scantling.	8 00 9 00
1½ and thicker cutting up plank.	22 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
1½ inch flooring.	14 00 15 00
1½ inch flooring.	14 00 16 00
XXX shingles, sawn.	2 30 @ 2 35
XX shingles, sawn.	1 30 1 35
Eastlake galvanized steel shingles, 27 W. G., per square.	6 00
Eastlake galvanized steel shingles, 26 W. G., per square.	5 50
Eastlake painted steel shingles, per sq.	4 00
Round pointed galvanized steel shingles, per sq.	6 00
Round pointed painted steel shingles.	4 25
Round pointed, unpainted, Terme tin shingles.	4 00
Manitoba galvanized, steel siding, per square.	5 00
Manitoba painted steel siding, per sq.	3 50
Painted sheet steel pressed brick.	3 50
Painted crimped steel sheeting.	3 40
Price of Copper shingles according to weight.	

YARD QUOTATIONS.

Mill cull boards and scantling.	10 00
Shipping cull boards, promiscuous widths.	13 00
Shipping cull boards, stocks.	14 00
Hemlock cantling and joist up to 16 ft.	11 00 12 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.	22 00
" " " 28 ft.	23 00
" " " 30 ft.	24 00
" " " 32 ft.	25 00
" " " 34 ft.	26 00
" " " 36 ft.	27 00
" " " 38 ft.	28 00
" " " 40 to 44 ft.	29 00
Cutting up planks, 1½ 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.	
1½ inch flooring, dressed, F. M.	28 00 32 00
1½ inch flooring rough, B. M.	18 00 22 00
1½ " dressed, F. M.	25 00 28 00
" " 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
R. d oak.	30 00 40 00
White.	15 00 45 00
Basswood, No. 1 and 2.	18 00 20 05
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 20 00
Dressing stocks.	16 00 22 00
Picks, American inspection.	40 00
Three uppers, American inspection.	50 00

BRICK—P M

Common Walling.	\$7 50
Good Facing.	9 25
Sewer.	9 00

Pressed Brick:

Plain brick, f. o. b. at Milton, per M.	\$18 00
" " 2nd quality, per M.	13 00
" " 3rd	10 00
Hard Building	8 00
Moulded and Ornamental, per 100.	\$3 10 00
First quality, f. o. b. at Campbellville, per M	16 00
2nd	13 00
Ornamental, per 100.	\$3 10 00
Tiles	24 00

Stone.

Common Rubble, Per Toise, delivered	14 00
Large flat	18 00
Foundation Blocks, " Cubic Foot	35

Slate: Roofing (V square).

" red.	16 00
" purple.	9 00
" untinting green.	9 00
" black slate.	7 50
Terra Cotta Tile, per sq.	25 00
Ornamental Black Slate Roofing.	8 00

Sand:

Per Load of 1½ Cubic Yards.	1 25
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PAINTS. (In oil, P lb.)

White lead, Can.	6 25 6 50
" zinc, Can.	6 25 7 50
Red lead, Eng.	5 25 6 25
" 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.....	25	40
Black, lamp.....	15	24
Blue, ultramarine.....	15	25
Oil, linseed, raw (& Imp. Gallon).....	68	70
" boiled.....	72	75
" refined, ".....	78	80
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
" Thorold, ".....	1 50
" Queenston, ".....	1 50
" Napanea, ".....	1 50
" Hull, ".....	1 50

HARDWARE.

Cut Nails:

American Pattern, 1 1/4 inch, per keg.....	4 25
" 1 1/2 to 1 3/4 inch, per keg.....	3 50
Canadian Pattern, 1 1/4 inch, per keg.....	3 75
" 1 1/2 to 1 3/4 inch, per keg.....	3 15
" 2 to 2 1/4 inch, ".....	3 35
" 2 1/2 to 2 3/4 inch, ".....	3 00
" 3 inch and larger.....	2 75
Steel nails 10c. per keg extra.....	
Finishing nails, 1 inch, per keg.....	5 75
" 1 1/2 inch, ".....	5 05
" 2 inch, ".....	4 50
" 2 1/2 inch, ".....	4 25
" 3 inch and larger.....	4 00

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