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Case Institute

46 Robinson St

THE

Canadian Contract Record

A Weekly Journal of Advance Information and Public Works.

Vol. 1.

Toronto and Montreal, Canada, August 23, 1890.

No. 28

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 2299.

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.

HINTS ON CONCRETE.

Mr. Dyckerhoff, a well-known German authority on Portland cements, has contributed a somewhat remarkable article on this subject to a recent number of the *Deutsche Bauzeitung*. He considers that a comparatively small proportion of cement thoroughly incorporated with the sand and broken stone of the concrete is much more advantageous than a much larger quantity less carefully mixed. For foundations he recommends the use of one part of cement to from six to eight parts of sand or gravel, or to from eight to ten parts of broken stone. In those cases in which the structure is subjected to heavy shearing forces, these proportions should be somewhat reduced, one part of cement to from five to six parts of sand being more suitable. In the case of very important work Mr. Dyckerhoff recommends the carrying out of experiments to settle the proper proportion of cement to sand, employing in the experiments samples of the same sand that will actually be used in the work, as sands differ so much in constitution that often a comparatively dull and bad-looking sand will give better results when tested in this way than sand of much brighter and better appearance. This of course does not apply to sands clearly clayey. In making the concrete the cement should not be measured, but weighed, as the weight contained in a measure varies considerably. In his own practice he uses as a unit a sack of cement, which is of invariable weight. The sand and cement are mixed and turned over three or four times with a spade before the water is added, after which it is again thoroughly worked till it forms a homogeneous and slightly

damp mass. The broken stone, gravel, etc., which has been carefully washed and is still damp, is then added and the whole thoroughly reworked, so as to completely cover each fragment of stone with the cement, a point of the greatest importance. Workmen are deputed to prevent any of this stone working to the top during the transit from the mixing table to the site of the works, and equal care is taken in depositing it in the trenches, careful and experienced men alone being employed, as without this precaution the success of the work cannot be assured. To finish off the work Mr. Dyckerhoff makes use of the cement mortar consisting of one part of cement to 2½ parts of sand, to which is added if the sand is coarse, one-tenth part of fat lime, which makes the mortar spread more easily.

Contractors often complain because an architect favors certain bidders into whose hands he would prefer that his contracts should go. It is to those favorites that his invitations for proposals are issued, and applications from outside parties for the privilege of estimating generally have but little effect. This disposition of the architect is not infrequently regarded as partial, to say the least, and by this action he lays himself open to the charge of having some ulterior and not altogether worthy object in view. Complaints are frequently heard from architects who have been forced by owners to employ builders whose responsibility and methods were unknown to them. The question of sympathy between architect and builder is one which we can all appreciate. The contractors with whom he has had experience are known to have good business qualifications and have been in the habit of doing good work and doing it promptly. They have earned the coveted position in his esteem by actual proof of all those qualities which brings success in every vocation. One-half of the architect's responsibility and anxiety is dissipated when his business and reputation is entrusted to such men. His success as an architect, therefore, depends in a great measure upon his ability to choose proper contractors for the owner. Sometimes, however, when compelled to take one of these new parties, he makes the acquaintance of a very honest and capable man, and puts him on the list as being worthy of patronage in the future. This winnowing process tends to purify the building trades and raises the standard of architectural practice to a higher level. We believe, however, that in order to clear themselves from any unjust aspersions, architects should show less tendency to be exclusive and extend to every builder desiring it an opportunity to prove his standing by competent testimonials and references to past work. Particularly should a fair chance be given to young mechanics who manifest a desire to establish a reputation and maintain it. Of course, no fair competition in building estimates can be obtained where the bidders are not all on the same moral level. No man whose custom is to work in strict accord with the letter of the specifications, desires to estimate in close competition with those whose purpose is to supply cheap labor and inferior materials. But this danger should not serve to entirely bar from an architect's consideration the claims of aspiring builders who must all begin business under the disadvantage of being unknown and their virtues unappreciated.—*Building Trades Journal.*

Wood brought to a mirror polish is coming into use for ornamental purposes in Germany, and has this advantage, that unlike metal, it is not affected by moisture. The stuff is first treated with a bath of caustic alkali for two or three days at a temperature between 164° and 197° F. Next comes a dip in hydrosulphate of calcium, for from twenty-four to thirty-six hours, after which a concentrated solution of sulphur is added. After another soak in an acetate of lead solution, at 95° to 120° F., it is thoroughly dried and polished with lead, tin, or zinc, as may be desired, when it resembles shining metal.

CALENDAR.						
1890	1890	1890	1890	1890	1890	1890
Jan.	Feb.	Mar.	April	May	June	July
Sunday 6 13 20 27 31	Sunday 1 8 15 22 29	Sunday 1 8 15 22 29	Sunday 1 8 15 22 29	Sunday 4 11 18 25 31	Sunday 7 14 21 28	Sunday 1 8 15 22 29
Monday 7 14 21 28	Monday 2 9 16 23 30	Monday 2 9 16 23 30	Monday 2 9 16 23 30	Monday 5 12 19 26	Monday 8 15 22 29	Monday 2 9 16 23 30
Tuesday 8 15 22 29	Tuesday 3 10 17 24 31	Tuesday 3 10 17 24 31	Tuesday 3 10 17 24 31	Tuesday 6 13 20 27	Tuesday 9 16 23 30	Tuesday 3 10 17 24 31
Wednesday 9 16 23 30	Wednesday 4 11 18 25	Wednesday 4 11 18 25	Wednesday 4 11 18 25	Wednesday 7 14 21 28	Wednesday 10 17 24 31	Wednesday 4 11 18 25
Thursday 10 17 24 31	Thursday 5 12 19 26	Thursday 5 12 19 26	Thursday 5 12 19 26	Thursday 8 15 22 29	Thursday 11 18 25	Thursday 5 12 19 26
Friday 11 18 25 31	Friday 6 13 20 27	Friday 6 13 20 27	Friday 6 13 20 27	Friday 9 16 23 30	Friday 12 19 26	Friday 6 13 20 27
Saturday 12 19 26 31	Saturday 7 14 21 28	Saturday 7 14 21 28	Saturday 7 14 21 28	Saturday 10 17 24 31	Saturday 13 20 27	Saturday 7 14 21 28

CONTRACTS

CONTRACTS OPEN.

SELKIRK, MAN.—It is understood the C. P. R. will shortly erect a depot here.

PENETANG., ONT.—A by-law providing for the construction of water-works has been carried.

COLLINGWOOD, ONT.—The new civic buildings just nearing completion have been destroyed by fire.

WINNIPEG, MAN.—The Dominion Government have decided to build immigration sheds here this fall.

PEMBROKE, ONT.—The congregation of Holy Trinity Church have selected the site for a new building.

WATFORD, ONT.—The Public School Board are on the look-out for a site on which to erect a new building.

LEAMINGTON, ONT.—A by-law for the construction of water-works will be voted on by the ratepayers on October 13th.

VANCOUVER, B. C.—The Government has decided to ask for new tenders for the erection of a new school in the east end.

BLUEVALE, ONT.—Mr. W. E. Binning, architect, has recently completed plans for a new Methodist Church to cost about \$3,000.

BERLIN, ONT.—The opinion prevails that the time has come when the town should undertake the construction of a sewerage system.

WALKERVILLE, ONT.—The town council will co-operate with Windsor in the construction of a sewer to empty into the Detroit river.

ANNAPOLIS, N. S.—The erection of a new educational building here is felt to be a necessity and will probably soon be undertaken.

PORT HOPE, ONT.—The council are considering the question of a new bridge to replace the Walton street structure carried away by the spring floods.

HALIFAX, N. S.—The City Engineer has reported in favor of paving Barrington St. with granite blocks on a concrete foundation at an estimated cost of \$5,000.

BAYHAM, ONT.—A by-law to grant a bonus of \$35,000 to the G. T. R. for the construction of a branch line will be voted on by the citizens of this place on Sept. 3rd.

GUELPH, ONT.—The Council declines to make a grant for the erection of a new school in St. George's Ward unless authorized to do so by a vote of the ratepayers.

SHERBROOKE, QUE.—The council wants tenders for the erection of a bridge over the Magog river.—It has been decided to re-cover the roof of the civic hospital with iron.

VICTORIA, B. C.—The plans of Mr. E. Mohum, C. E., of this city, for a suitable system of sewerage, have been approved on the recommendation of Mr. R. Hering, of New York.

TILBURY, ONT.—It is reported that Engineer McDonell is working on the plans of the proposed canal through here from Lake St. Clair to Lake Erie, in the interests of a Detroit syndicate.

WOODSTOCK, ONT.—Several meetings of the citizens have been held to discuss the advisability of constructing a system of water-works. A resolution in favor of carrying out the project was adopted.

ANTIGONISH, N. S.—Tenders are invited by the Commissioners of water works until 3 o'clock on the 25th inst. for the construction of dam, gate house, etc., trucking pipe, trenching, laying pipe, and refilling trenches.

WEST TORONTO JUNCTION.—Mr. Emil Kuichling, C. E., of Rochester, has been engaged by the town to enquire into and report upon the best of three systems of sewerage submitted for approval by Mr. Willis Chipman, C. E.

NEW GLASGOW, N. S.—The council is offering for sale by tender debentures to the amount of \$22,000, the proceeds of which it is proposed to expend in water-works plant, including a second engine and boiler, and the construction of a sewerage system.

LONDON, ONT.—The Council wants tenders for electric street lighting.—It is the intention of the Council to construct block pavements on King St., between Adelaide and William Sts.; York St., from Richmond to Talbot Sts.; King St., from Richmond to Ridout St., and Talbot St., from Carling St. to G. T. R.

OTTAWA, ONT.—The city council has adopted the agreement with the Howland company for the construction of an electric street railway.—The Department of Marine is about to erect range lights and put down buoys at the entrance to the Murray canal.—It is reported that the Government will call for new tenders for the enlargement of the Morrisburg canal.

HAMILTON, ONT.—Tenders will be received to-day (23rd inst.) at the office of J. A. Stoddart, Court House, for the erection of St. John's church.—The plans are ready for Myles & Son's proposed new building, corner of Hughson and Main streets. An effort is to be made to form a trust company to construct a large safety deposit vault in the basement of the new building.

TORONTO, ONT.—A committee has been appointed by the Local Board of Health to wait on the Provincial Government to secure if possible the asylum site for the proposed garbage crematory. The Board also ask for the construction of sewers on sanitary grounds on Huskin avenue, Maple avenue, Queen street west, Bay street, Crescent road, Davenport road, Victoria street, Howard street, Elnisley place, Carson street, Elm street, Herrick street, Steiner street.

KINGSTON, ONT.—Dr. Clements asks tenders for the erection of two houses on King street.—The Council is petitioned to extent and widen William St.—James H. Oliphant will rebuild his summer residence, Thousand Islands, either this fall or next spring.—The owners of the Frontenac and British hotels have amalgamated their interests and talk of erecting a mammoth summer hotel when their present leases shall have expired.—Emerald Park, on Wells Island, has been sold to Brooklyn parties, who will erect cottages thereon.—The large summer hotel at Thousand Island Park was totally destroyed by fire on the morning of the 21st inst.

MONTREAL, QUE.—The Corporation of St. Cunegonde expect to close negotiations in a few days for the sale of \$400,000 worth of water-works bonds.—Mr. A. Raza, architect, has prepared plans for a large summer hotel at Laprairie, and an influential company has been formed to carry out its erection.—It is rumored that Laval University authorities will erect magnificent new buildings on St. Denis street, opposite the residence of the Prime Minister.—Building permits have been granted as follows:—Dr. J. A. Kinlock, three 2-storey wood and brick dwellings, 533 Wellington St., cost \$1,600 each; Mr. Lariviere, 3-storey stone dwelling, St. Denis St., cost \$9,000; J. Haynes, architect; W. Crawford, 3-storey stone building, 555 William St., cost \$3,000; Moses Parker, iron foundry, stone and brick, 19 to 21 Dalhousie St., cost \$5,000; Hutchinson & Steele, architects; J. Thibeault, two 2-storey wood and brick dwellings, Collorine St., cost \$1,350; Peter Dupuis, two 3-storey stone and brick stores, St. Lawrence St., cost \$8,000; J. Leblanc, two 2-storey wood and brick dwellings, Collorine St., cost \$1,850; Hubert Fournier, 3-storey brick dwelling, 206 and 208 Cadieux St., cost \$3,000 each; T. Landry, 2½-storey wooden dwelling, Lafontaine St., cost \$3,300; Dr. J. A. Hutchison, 1½-storey brick dwelling, corner Wellington and Mullen Sts., cost \$2,000; John Price, 2½-storey wood and brick dwelling, St. Antoine Ward, W. Doran, architect; J. Crowdy, 3-storey and cellar brick dwelling, Crescent St., cost \$7,000; J. A. P. Bulman, architect; J. M. Perrault, two 2-storey dwellings, Montau St., cost \$3,000.

CONTRACTS AWARDED.

WINDSOR, ONT.—The contract for the Parent avenue main sewer has been given to Collins & Chick, of Windsor, for \$15,700.

SHERBROOKE, ONT.—Gordon & Loomis have been given the contract for the mason and brickwork on the new Sherbrooke iron works.

PICTOU, N. S.—The contract for the construction of six fog alarm machines has been awarded to the Pictou Foundry Co., of Pictou, N. S., the lowest tenderers.

BRANTFORD, ONT.—Messrs. Nihan, Elliott & Phinn, of this city, have been awarded the contract for the excavation of the approaches to the St. Clair tunnel at Sarnia and Port Huron. The contract amounts to about \$200,000.

LONDON, ONT.—The Public School Board has accepted the tender of Mr. Wm. Stevely for heating and ventilating the Askin st. school. His price is \$750.—The tender of Mr. Thos. Green & Co. has been accepted for the carpenter work necessary in the erection of a large addition to the McClary Mfg. Co.'s premises, as has also Mr. Jas Lueny's tender for the brickwork.

MONTREAL, QUE.—Mr. W. T. Thomas, architect, has awarded contracts as follows for alterations to houses belonging to Mr. John Tiften, corner of St. Urbain and Ontario streets: Labreque & Mercure, carpenters and joiners; Drapeau & Lavignac, heating and plumbing; Jas. Thomas, painting and decorating; W. Oman, stone and brickwork; W. Corneau, staircase work.

AMOUNT OF PAINT REQUIRED TO COVER ONE HUNDRED SQUARE YARDS.—It is found that in painting wood one coat takes twenty pounds of lead and four gallons of oil, per 100 square yards; the second coat, forty pounds lead and four gallons oil, and the third the same as the second, say 100 pounds of lead and sixteen gallons of oil per 100 square yards for three coats. The number of square yards covered by one gallon of priming color is fifty; white zinc, fifty; white lead paint, forty-four; lead color, fifty; black paint, fifty; stone color, forty-four; yellow paint, forty-four; blue color, forty-five; green paint, forty-five.

TENDERS

Will be received until 2 p.m. on Thursday, August 23rd, for the erection and completion of a Shoe factory at West Toronto Junction. Plans and specifications may be seen at the office of the undersigned. The lowest or any tender not necessarily accepted.

JAS. A. ELLIS, Architect,
Dundas Chambers, West Toronto Junction.

TENDERS WANTED

For the PURCHASE AND REMOVAL OF THE MISSION BUILDING, corner of College Street and Mission Avenue. Apply to

GORDON & HELLIWELL, Architects,
26 King St. East, Toronto.

TENDERS WANTED

Immediately for all trades, except plumbing, required in the erection and completion of Five Brick Houses. Tenders close Tuesday, 26th inst. Full particulars may be obtained at my office.

ROBT. OGILVIE, Architect,
9½ Adelaide St. East, Toronto.

TENDERS

Will be received by the undersigned until 5 p.m. on FRIDAY, THE 29TH INST., for the various works required in the erection of a SIX-ROOMED BRICK SCHOOL HOUSE on the Don Mills Road in Chester. The lowest or any tender will not necessarily be accepted.

GORDON & HELLIWELL, Architects,
26 King Street East, Toronto.



NOTICE TO CONTRACTORS.

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up to noon on WEDNESDAY, THE 27TH AUGUST, for the following works:

CEDAR BLOCK PAVEMENTS

On Stafford Street, King Street to Wellington Avenue; Phoebe Street, Spadina Avenue to Soho Street; Spadina Road, Bernard Avenue to railway track; Grant Street, Queen Street to northern terminus; Hayden Street, Church Street to eastern terminus.

Plans can be seen, and forms of tender obtained on and after August 20th 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 contractors 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, August 8th, 1890.

NOTICE TO PROPERTY OWNERS.

Property owners on the above named streets are hereby notified, by order of the City Engineer, that unless private drain connections, water and gas services, where required, are made before the construction of the pavements, a charge of \$2.50 per square yard of surface to be broken will be made if permission be asked to lay them in afterwards.

JOHN SHAW,

Chairman Committee on Works.
Committee Rooms, August 13th, 1890.

TENDERS

Will be received by the undersigned up to 5 p.m. on

MONDAY, SEPTEMBER 1ST,

For the Excavation, Masonry, Brickwork and Cut Stonework required in the erection of a

Fireproof Building in Temperance Street.

The lowest or any tender not necessarily accepted.

DARLING & CURRY,
Mail Building.

CITY PUBLIC SCHOOLS

To Builders and Contractors.

TENDERS

Whole or separate, are requested for the several trades required in the erection of a

New School Building on Church Street.

Plans and specifications may be seen on and after Monday, August 25th, and all information obtained at the office of C. H. Bishop, Superintendent of School Buildings.

Tenders on forms supplied by the Superintendent of Buildings to be delivered at the office of the Secretary Treasurer of the Public School Board on or before

Thursday Noon, Sept. 4th, 1890.

Each tender must be accompanied by an accepted bank cheque for five per cent. of the amount of tender, as per regulations of the Board.

The lowest or any tender will not necessarily be accepted.

JAMES KERR,

Chairman of Committee.

W. C. WILKINSON,
Sec.-Treas. T. P. S. B.



Sealed tenders addressed to the undersigned, and endorsed "Tender for Dredging, Belleville," will be received at this office until Tuesday, the 26th day of August instant, inclusively, for dredging in the Harbour of Belleville, Ontario, in accordance with the terms and stipulations contained in a combined specification and tender, to be obtained on application to the Harbour Master, Belleville, and the undersigned at the Public Works Department, Ottawa.

Tenders will not be considered unless made on the form supplied, and signed with the actual signatures of tenderers.

An accepted bank cheque, payable to the order of the Minister of Public Works, for the sum of Five hundred dollars (\$500) 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 will not be bound to accept the lowest or any tender.

By order,

A. GOBÉIL,
Secretary.

Department of Public Works,
Ottawa, August 5th, 1890.

Prices of Building Materials.

LUMBER.

CAR OR CARGO LOTS.

1½ and thicker clear picks, Am. ins.	\$30 00 @ 32 00
1½ and thicker, three uppers, Am. ins.	37 00
1½ and thicker, pickings, Am. ins.	37 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.	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
1¾ inch flooring.	14 00 16 00

XXX shingles, sawn.	2 30 @ 2 35
XX shingles, sawn.	1 30 1 35
Eastlake galvanized steel shingles, 24 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, Teme 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 "	15 00
" " " 20 "	17 00
" " " 22 "	19 00
" " " 24 "	21 00
" " " 26 "	23 00
" " " 28 "	25 00
" " " 30 "	27 00
" " " 32 "	29 00
" " " 34 "	31 00
" " " 36 "	33 00
" " " 38 "	35 00
" " " 40 to 44 ft.	36 00
Cutting up planks, 1½ and thicker, dry	25 00 26 00
" " board.	18 00 22 00
Cedar for block paving, per cord.	5 00
Cedar for Kerbing, 4 x 14, per M.	14 00
B. M.	
1½ inch flooring, dressed, F. M.	23 00 31 00
1½ inch flooring rough, B. M.	18 00 22 00
1½ " " dressed, F. M.	25 00 28 00
" " " undressed, B. M.	15 00 19 00
" " " dressed.	13 00 22 00
" " " undressed.	12 00 15 00
Headed sheeting, dressed.	22 00 35 00
Clapboarding, dressed.	12 00
XXX sawn shingles, per M, 16 in.	2 25 2 75
Sawn lath.	2 00 2 20
Red oak.	30 00 40 00
White.	15 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—P. M.

Common Walling.	\$7 50
Good Facing.	9 00
Sewer.	3 50 9 00

Pressed Brick:

Plain brick, f. o. b. at Milton, per M.	\$17 00
" " and quality, per M.	13 00
" " 3rd	10 00
Hard Building.	8 00
Moulded and Ornamental, per 100.	\$3 to 10 00
First quality, f.o.b. at Campbellville, per M	16 00
2nd	13 00
Ornamental, per 100.	\$3 to 10 00
Tiles.	24 00

Stone.

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

Slate: Roofing (per square).

" red.	16 00
" purple.	9 00
" unslating 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, ½ lb.)

White lead, Can.	6 25 6 50
" zinc, Can.	6 75 7 50
Red lead, Eng.	5 25 6 75
" venetian.	1 60 1 75
" vermilion.	60 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.	1 25
Oil, linseed, raw (½ Imp. gallon).	68 70
" " boiled.	72 75
" " refined.	78 80
Putty.	2 75 2 75
Whiting, dry.	25 1 00
Paris white Eng., dry.	60 1 25
Litharge, Am.	6 75 8
Siena, burnt.	15 20
Umber, "	8 75 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.	2 80 3 00
" Thorold,	1 50
" Queenston, "	1 50
" Napanee, "	1 50
" Hull, "	1 50

HARDWARE.

Table listing hardware items such as Cut Nails, American Pattern, Canadian Pattern, Steel nails, and Finishing nails with their respective prices.

MONTREAL PRICES.

Table listing lumber prices for various types of wood like Ash, Birch, Basswood, Walnut, etc., and cement prices for Portland Cement and Roman.

Table listing cut nails prices for different sizes and patterns like Hot-cut Am. or Can. pattern.

Table listing paint prices for White Lead, Venetian Red, yellow Ochre, and Whiting.

Table listing oil prices for Linseed, Olive, and Spirits turpentine.

Table listing various other materials and their prices, including different grades of cement and other building supplies.

BUILDERS' SUPPLIES.

Table listing builders' supplies such as Adamant Mfg. Co., Adamson, Joseph, Maguire, William, etc.

BUILDERS' HARDWARE.

Table listing builders' hardware items like Aikenhead & Crombie, Byam Mfg. Co., etc.

CEMENTS.

Table listing different types of cement and their suppliers like Adamant Mfg. Co., McNally & Co., etc.

CHIMNEY TOPPING.

Table listing chimney topping services and suppliers like Hansen, Harald M.

CHURCH AND SCHOOL FURNITURE.

Table listing church and school furniture suppliers like Bennet Furnishing Co., Canadian Office & School Furniture Co., etc.

CONTRACTORS AND BUILDERS.

Table listing contractors and builders such as Andrews, Francis, Davidson & Kelly, Davis, H., etc.

CUT STONE CONTRACTORS.

Table listing cut stone contractors like Bristow Bros., Hibbard, H. & T., Isaac Brothers, etc.

ELECTRIC BELLS.

Table listing electric bell suppliers like Canadian Electric Mfg. Co.

ELECTRIC LIGHTING.

Table listing electric lighting suppliers like Anderson & Co., A. T., The Keegans-Milne Co., etc.

ELEVATORS.

Table listing elevator suppliers like Ives & Co., H. R., Leach & Turnbull, etc.

ENGRAVERS.

Table listing engravers such as Armstrong Photo-Eng. Co., Canadian Photo-Eng. Bureau, etc.

GRATES AND TILES.

Table listing grate and tile suppliers like Earl & Co., Edw., Holbrook & Mollington, etc.

HEATING.

Table listing heating suppliers like Burrow Stewart & Milne, Clare Bros. & Co., Howard Furnace Co., etc.

GLASS BENDING.

Table listing glass bending services like Polito, T.

IRON PIPE.

Table listing iron pipe suppliers like Ives & Co., H. R.

LEGAL.

Table listing legal services like Denton & Dods.

MANTELS AND OVERMANTELS.

Table listing mantel and overmantel suppliers like Earl & Co., Edward, Wright & Co., etc.

METALLIC LATH.

Table listing metallic lath suppliers like B. Greening Wire Co.

MINERAL WOOL.

Table listing mineral wool suppliers like Gast & Atchison, Savage, R. D.

ORNAMENTAL PLASTERERS.

Table listing ornamental plasterers like Baker, J. D., Hynes Terra Cotta & Brick Co., etc.

PAINTERS.

Table listing painters such as Dill & O'Hearn, Dunham, Frank T., Gilmor & Casey, etc.

PAINTS, VARNISHES, &C.

Table listing paint and varnish suppliers like Cottingham, Walter H., Muirhead, Andrew.

PAVING.

Table listing paving suppliers like Excelsior Pavement Co., Forsyth, Robert, etc.

PLASTERERS.

Table listing plasterers like Dayton, William H., Fox, R. B., Hynes, W. J., etc.

PLATE GLASS.

Table listing plate glass suppliers like Lyon, N. T., McCausland & Son, etc.

PLUMBERS.

Table listing plumbers like Bennett & Wright.

PLUMBING SUPPLIES.

Table listing plumbing supplies suppliers like Booth & Son, Higman, O., etc.

ROOFING MATERIALS.

Table listing roofing materials suppliers like Can. Galvanizing & Steel Roofing Co., Merchant & Co., etc.

ROOFERS.

Table listing roofers such as Baird Bros., Duthie & Sons, G., Forbes, Duncan, etc.

SAFES.

Table listing safe suppliers like Kimball, S.

SANITARY APPLIANCES.

Table listing sanitary appliance suppliers like Booth & Son, Earl & Co., Edward, etc.

SEWER PIPE.

Table listing sewer pipe suppliers like Hamilton and Toronto Sewer Pipe Co., McNally & Co., W., etc.

SLIDING BLINDS.

Table listing sliding blind suppliers like Clatworthy, Geo.

STAINED AND DECORATIVE GLASS.

Table listing stained and decorative glass suppliers like Castle & Son, Dominion Stained Glass Co., W. C. Barnes, Son & Gilson, etc.

TERRA COTTA.

Table listing terra cotta suppliers like The Hynes Terra Cotta & Brick Co., Toronto Pressed Brick & Terra Cotta Co., etc.

TERRA COTTA FIREPROOFING.

Table listing terra cotta fireproofing suppliers like Rathbun Co.

WALL PAPER AND CEILING DECORATIONS.

Table listing wall paper and ceiling decoration suppliers like Elliott & Son.

INDEX TO ADVERTISEMENTS

Table listing various advertisements and their page numbers, including Adamant Wall Plaster, Architects, Architectural Sculptors and Carvers, etc.

Table listing various advertisements and their page numbers, including Builders' Supplies, Builders' Hardware, Cements, etc.

Table listing various advertisements and their page numbers, including Mantels and Overmantels, Metallic Lath, Mineral Wool, etc.