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# TRAC

# A Weekly Journal of Advance Information and Public Works.

ITS PURPOSE: TO SUPPLY TO CONTRACTORS ADVANCE INFORMATION RESPECTING CONTRACTS OPEN TO TEN DER, AND TO ARCHITECTS, ENGINEERS, MUNICIPAL AND OTHER CORPORATIONS, I DIRECT MEDIUM OF COM-MUNICATION WITH CONTRACTORS.

ITS MERIT: ECONOMICAL AND EFFECTIVE SERVICE.

Vol. 1.

Toronto and Montreal, Canada, October 11, 1890.

No. 35

# 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, Bell Telephone 2249. Montreal.

Information from any part of the Dominfou regarding contracts open to tender sent exclusively to this journal for publication, will be liberally paid for.

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

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 par-ticular be reported at once to the office of publica-tion. Subscribers toho may change their address should also give prompt notice of same, and in doing so, should give both old and new address.

### TO CORRESPONDENTS.

The publisher of the CONTRACT RECORD occa-The publisher of the CONTRACT RECORD occasionally receives information concerning projected works of construction from correspondents who neglect to give their full names, but attach to their communications their initials only 'These are not sufficient in every instance to indicate the identity of the writer. Correspondents will therefore oblige by giving their names and addresses in full in full.



Sealed Tenders addressed to the undersigned, and endorsed "Tender for additions, &c., to Supreme Court, Ottawa," will be received at this office until Wednesday, 22nd October, 1800, for the several works required in the erection of additions, &c., to Supreme Court, Otrawa.

Specifications can be seen at the Department of Public Works Ottawa, on and after Friday. 3rd October, 1800, 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 faul 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.

the lowest of any tender.

A. GOBIEL. By order,

Secretary.

Department of Public Works, }
Ottawa, 2nd Oct., 1890.

## SITUATION WANTED.

COMPETENT ENGLISH ARCHITECTURAL.
Draughtsman desires engagement; first-class references; 5 years' thorough experience. Address "J. M.,"
care This Canadian Architect and Builder, 14
King Street West, Toronto.

## TO CONTRACTORS.

The Toronto Collegiate Board have decided to extend the time for receiving tenders for the proposed new West End High School until noon of Tuesday, 14th inst.

KNOX & ELLIOT, Architects.

## OFFERS OF PURCHASE AND REMOVAL

Of Mission Building, corner of College Street and Mission Ave., will be received by the undersigned.

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

# CITY PUBLIC SCHOOLS

TO BUILDERS AND CONTRACTORS.

# TENDERS

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

Four Additional Rooms to Dovercourt School,

Caretakers' Cottages in rear of Phæbe Street School;

Also for Fencing, Planking and Sheds in connection with Phebe Street School.

Plans and specifications may be seen on and after Monday, October 6th, 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 noon of

# MONDAY, OCTOBER 13th, 1890.

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

be accepted.

W. C. WILKINSON, Sec.-Treas, T. S. B. JAMES KERR, S Chairman of Committee.

#### TO MARK ON A POLISHED SURFACE.

There are various recipes recommended for preparing the polished surface of marble so that it may be easily marked. The white of an egg, starch, gum arabic, and resin are all recommended for the But there is nothing better than the old-fashioned potato application. If a slice is cut off a potato and a number of slight cuts are made on the flat face, it may then be rubbed over the stone, and a surface which will take a mark readily is at once obtained. The potato should be used to rub out incorrect marking.—The Stonemason.

#### EXCAVATING IN QUICKSAND.

At a recent meeting of the New England Waterworks Association, Mr. Albert F. Noyes read the following note: "Some years ago I had occasion to make an excavation in material known as quicksand, some 15 feet deep, near buildings. If the excavation were made in the ordinary way, a settlement of the foundation would be likely to occur, so I adopted the following method, which in my case proved successful; and I see no reason why, under similar conditions, and in a great many cases it could not be used to advantage. The excavation, as I have said, was about 15 feet deep, and about 60 feet in length and 8 feet wide. Usually below these veins of quicksands there are veins of a coarse material which form ready conductors for the water, and the vertical distance through the quicksand is usually less than the horizontal distance; the ground water has the least resistance in the vertical direction, and tends to soften and take up the quicksand with it. If the water is drawn out, or the water-level lowered below the bottom of the trench, this fine material becomes compact, very much like clay, and the excavations can be made with perfect safety and the use of a light sheeting. In the case I refer to I used 14 pipes 135 inches in diameter, and these were driven equidistant about the excavation to be made, with the ordinary perforated well point, having attached outside a fine mesh brass screen. They were driven into a stratum of coarse material from 35 to 50 feet below the surface of the ground. The pipes were ganged together and attached to a common plunger pump, and the water was drawn down. I might state that the normal level of the ground water was within some three or four feet of the surface of the ground, so we had to draw the ground water down some ten or cleven feet. We found by test tubes outside of the gang that we could readily hold the water to a level which insured the excavations being made without any difficulty whatever; in fact, the banks difficulty whatever; in fact, the banks were dry, and the lower portion of the excavation was very firm. In case the well points, after we used them, were sold to other parties at nearly the first cost. The pipes, which were taken from the pipe yard were returned and used over again, so that there was little loss in that way, and the whole cost of driving the pipe was about \$18, so that the expense of that method was really less than sinking that method was really less than sinking a well outside of the excavation in the usual manner."

#### CONTRACTS OPEN.

VICTORIA, B. C.—Messrs. Steinler & Earle will erect large coffee mills.

LETHBRIDGE, N. W. T.—An opera house is to be built here as well as a hospital.

BELLEVILLE, ONT.—An effort is being made to secure the erection of a county poor house.

GUELPH, ONT.—A new bridge will shortly be crected crossing the Conestoga river on the Elom and Saugeen road.

AMHERSTBURG, ONT.—Seats will be required for the new public school Luilding which Sutherland & Co. are about to erect.

HULL, QUE.—Mr. F. Martin, of Cummings Bridge, Ont, is negotiating with a view to establishing a tannery and shoe factory here.

WINDSOR, ONT.—The Dominion Railway Supply Company, incorporated with a capital stock of \$100,000, will erect works here.

GANANOQUE, ONT.—Already \$2,100 of the \$5,000 required towards the erection of a Mechanics Institute has been subscribed.

TILSONBURG, ONT.—A by-law granting \$10,000 to aid the construction of the Tilsonburg, Lake Erie & Pacific Railway has been carried here by a large majority.

LONDON, ONT.—The agreement with the Royal Electric Co. for lighting the streets has been broken off, and the City Engineer invites new tenders until 6 p.m. on the 15th inst.

BRANTFORD, ONT,—It is said that after certain alterations shall have been made in the plans of the proposed new drill shed, with the object of reducing its cost, the work will be proceeded with.

SARNIA, ONT.—An extension in connection with the Great Western Division of the G. T. R. is to be built immediately, from Glencoe extending west to Sarnia, Mr. H. K. Wickstead, of Brantford, will be engineer in charge.

DIGHY, N. S.—A Boston syndicate are making arrangements for the building of a large summer hotel.—It is announced that Mr. Cyrus Perkins intends enlarging his premises, so as to give ample accommodation to summer tourists,

ANNAPOLIS, N. S.—At a meeting of the provisional directors, Mr. R. J. Hervey, Brockville, Ont., manager of the Westport and Sault Ste. Marie railway, advised his associates to take hold of the enterprise and commence operations at once.

ST. THOMAS, ONT.—Mr. Almasa Wood has offered a donation of \$10,000 for the erection of a hospital, and a prominent citizen whose name has not been made public is said to have expressed his willingness to give an equal sum towards its equipment.

WINNIPEG, MAN.—It is stated that local capitalists are organizing a company to build the electric railway.—The Water-Works Co. is to be notified of the city's intention to purchase the Company's works, and requested to appoint an arbitrator within 30 days.

GALT, ONT.—The movement for the construction of a railway between this town and Preston is progressing, and there is said to be little doubt of its ultimate success. A charter is to be at once applied for. If granted, the municipalities will be asked to grant the right of way. It is expected that construction will begin next spring. Steam motors will probably be used.

ST. MARY'S, ONT.—At a meeting of the building committee of the town council it was decided to communicate with H. Dickson, St. Mary's. Peters, Jones & McBride, of London, and A. Hepburn, of Stratford, for sketch plans of a new town hall, the limit of cost to be \$8,000.

HALIFAN, N. S.—Sir John Macdonald, on the occasion of his recent visit, promised to consult with his colleagues regarding the proposal to widen Lockiman street.—J. C. Dumaresq, architet, will proceed with the erection of a portion

of the Monastery of the Good Shepherd.—A special committee of the City Council is to devise ways and means of lighting the city.

BROCKVILLE, ONT.—Tenders will be asked for the construction of a storm sewer on Bartholomew street.—The erection of a summer hotel is talked of at Oliver's Ferry on the Rideau Canal.—It is the intention of the Government to sell some 50 islands in the vicinity of Fiddler's E bow. The conditions of sale will be that not more than one island will be sold to one person and a deed will not be issued till a house is erected thereon.

QUEBEC, QUE.—The directors of the Fortress Ho'el Company have selected two of the plans for the proposed new hotel, and submitted them to Mr. E. E. Tache for his opinion. These plans were executed by Mr. J. H. Stavely, of Quebec, and Messrs. Roache & Tilden, of Boston.—Some \$3,000 has been subscribed for a monument to be erected in Quebec in honor of Major Short and Sergt. Wallack, the victims of the terrible conflagration which devastated St. Sauveur, ward on the 16th May, 1889. A meeting of the subscribers has been called. The monument committee has written to a number of sculptors asking for plans, which are to be in by the 1st of December.

HAMILTON, ONT.-It is intended to proceed at once with the extension of the street railway track on Herkimer street from Queen west to Locke or Garth streets. A car building and stable will be grected at the corner of Herkimer and Hannah streets. Mr. James Balfour, architeet, has the plans in hand. Five new double cars will also be purchased.—The directors invite tenders until the 21st inst., for the construction of the proposed inclined railway. Private advices from a reliable source to this journal indicate. however, a probability that the present plans will have to be remodelled and new tenders called for. The Victoria Curling Rink Company has just been incorporated with a capital of \$10,000.-The directors of the Grand Opera House have decided to convert the southwest corner of the block into a hotel, which will have the usual rooms on the glound floor and accommodation for twenty beds upstairs.-Messis. Allan & Hayes, who are about to start a factory here for the m. nufacture of molders' easings, have been granted a building permit to erect a factory on Hess street between Barton and Stuart streets. The cost will be about \$8,000.

KINGSTON, ONT .- W. J. Morrison, Canadian agent of the Fort Wayne Electric Co., is negotiating with the city for the establishment of branch works here,-Some \$17,000 has been subscribed to remodel St. George's Cathedral, and a special vestry meeting will be held to issue mortgage debentures for \$15,000 to complete the sum ne essary to proceed with the work.-The trustees of Thousand Island Park have adopted plans for the e ection of a large two-storey block on the corner of St. Lawrence avenue and Rainbow street, to be 84 x 84 feet. This building will be used as a general store and meat market .- The trustees of St. Luke's church, this city, are contemplating the building of a parsonage on the property adjoining the church. - The waterworks committee has decided to ask for tenders for the metal work, galvanized iron, corrugated iron and Canada plate required for the coal shed .- The Salvation Army is endeavoring to secure the erection of a Rescue Home for discharged prisoners.

MONTREAL, QUE.—A large distillery is projected.—Armstrong & Cook, of Toronto, have purchased the Blue Bounets farm at Montreal Junction, and will cut it up into building lots. They have been in negotiations with the authorities of Lachine with the object of securing an extension of the water service to their Junction property.—The City Council has granted \$10,000 towards an exhibition for this city next year.—Increased facilities for handling cattle are urgently required, and a committee representing the City Council and the Harbor Commission will impress

upon the Government the necessity of carrying out harbor improvements at once. - Nearly \$2,000 has been collected by the promoters of the proposal to erect statutes of Cartier and Lafontaine infront of the Court House.—The city council of St. Hyacinthe have invited Sir Hector Langevin to visit that place on the 14th inst., to lay the corner stone of the new public buildings to be crected there by the Dominion Government.-Canadian architects will shortly be asked to submit plans in competition for the proposed new Board of Trade building .- Terrebonne will adopt the electric light for the streets.-An agitation is on foot for the enlargement and improvement of the St. Lawrence market.-Tenders will be received at the office of the city clerk up to noon of the rath inst., for one boiler of the locomotive type for the high level pumping station, McTavish street.-It is stated that Premier Mercier has bought an island near St. Rose, and will there build a summer residence.—Extensive improvements are said to have been decided upon at the St. Hilaire hotel. The directors will erect immediately the Hopkins wing, which will give fifty additional rooms and a ball room; put in a heating apparatus and elevator and provide new outdoor baths, new stables and carriages; erect a pavilion on the summit and a spacious boat house with Lake Champlain boats.-A party of civil engineers have during the past week explored Isle Ronde to find a good site for the masonry work of the projected Longueuil bridge. - A syndicate, believed to consist of Mr. T. G. Shaughnessy, Ald. Prefontaine and Mr. G. W. Parent, has purchased the Valois estate of 285 acres at Hochelago. The price paid is believed to be \$500,000 and it is intended to use the land for building purposes. - The citizens of St. Henri are agitating for a new G. T. R. depot, and a petition to that effect is now in circulation and is being extensively signed.

TORONTO, ONT.-The Superintendent Water-Works has reported against the advisability of attempting to repair the existing plant at the St. Alban's ward pumping station, and in favor of the purchase of a new outfit.-The Markets and License Committee have selected a site in the east end for a garbage crematory.—The annual report of the Board of Management of the Aged Womens Home calls attention to the necessity for increased accommodation, and suggests the erection of a commodious home on the adjoining ground. It states that there are some available funds for such a purpose, and with from \$6,000 to \$8,000 additional the project could be carried out.-It is reported that the site of the Caer Howell Hotel, on Queen's Ave., has been chosen for a new Metropolitan Hotel, and that a meeting of citizens interested in the enterprise will be held in a few days. - On the recommendation of the City Engineer, sewers are to be constructed on the following streets: Essex avenue, from Christie street to western terminus; Ruskin avenue, from Edwin avenue to Perth street; Edwin avenue, from Royce avenue to Ruskin avenue; Melady lane, from St. David's street to Sydenham street; Wallace avenue, from Northern railway tracks to Mackenzie avenue; Gladstone avenue, from College street to Bloor street; Rosedale road, from Roxborough street to North drive: Spadina crescent, east side, to connection with Spadina avenue sewer,-Asphalt pavements will be constructed early next year on Pembroke street, and on Gerrard street, from Jarvis to Sherbourne; on the latter street a concrete sidewalk will also be laid .- A Eureka sidewalk is to be laid on the corner of Gladstone avenue and Oueen street.—Cedar block pavements are to be laid on Leslie, Douro, Shaw, and Water streets. Mr. David S. Keith will elect a factory at Mimico.-The block pavement on Spadina avenue, north of College street to Spadina crescent is to be widened.—Sylvan avenue is to be graded.-The raising of Queen street at the crossing of the Garrison Creek is recommended.

The purchase of property which would allow of the completion of the entrances to Germrd street bridge is also recommended.—The street railway tracks on Bloor street will be extended across Garrison creek hollow, and a bridge erected,-The street railway is to be extended through the King street subway to Strachan avenue, by day labor, the roadway between the tracks to be paved with granite set's. - Information reaches us that tenders will be called for shortly for the erection of four stores and a large public hall and society hall at the n. w. corner Queen street and Broadview avenue, for Mr. Dingman, soap manufacturer .- Dr. Clossin has purchased the property at the n. e. corner of Spadina avenue . and Harbord street It is said to be his intention to erect a drug store on the corner and a residence on the northern half of the lot,-New buildings will probably be erected on the site of the present rough cast house at No. 10 Grenville street.-It is probable that new buildings will be crected on the property lying immediately west of Knox College, the present leas s for which will expire at the end of this year. - Tenders will be received by the Assistant Mechanical Superintentend of the G. T. R., 4 Spadina Ave., city, (at whose office plans and full information may be obtained) until 15th inst., for 130 squares of roofing on blacksmith shop, Brock St. works. Parties may tender for any standard kind of roofing, such as will meet the requirements of city by-laws.-The following building permits have been granted: Dr. Temple, bk. additions n. e. corner Bellevue Ave. and Oxford St., cost \$6,000; R. W. Laird, bk. additions to dwelling, Russell St., cost \$1,300; Gall, Anderson & Co., 2-storey bk. office, Tecumseth St., cost \$1,500; Davidson & Todd, pr. bk. dwellings, east side Admiral Road, cost \$14,150.

#### CONTRACTS AWARDED.

LONDON, ONT.—Messrs. Hardy & Leathorn have been given the contract for block paving Richmond Street from Fullerton to Ann Streetat 78 cents per square yard.

MONTREAL, QUR.—Contracts for heating apparatus for the police stations have been awarded as follows: No. 6 station, Messrs, Euard & McDonald, at \$465; No. 8 station, Mr. Lamarche, at \$610; No. 10 station, Mr. M. G. D. Saviguay, at \$422.

TORONTO, ONT .- The Department of Works has awarded contracts as follows: Eureka pavement-A. Gardner & Co., Queen st. west, south side, from Spadina ave. to Esther st.; Queen st., north side, from Esther st. to Denison avenue; Queen street, south side, from Esther to Bathurst street, price for 12 foot walk \$4 per lineal foot, Wood street, north side, from Yonge street to 130 feet east, price for 6 feet walk \$2 per lineal foot. Excelsior sidewalks-Excelsior Paving Company. College st., north side, from Spadina avenue to Robert street, price for 16 foot walk and 6 inch kerb \$7 per lineal foot; Brunswick avenue, east side, from College st. to 108 feet north, price for 10 foot walk and 6 inch kerb, \$4.75 per lineal foot. Granolithic sidewalks-R. Forsyth, Spadina ave.: west side, from Nassau to Clyde street, price per 20 foot walk and 6 inch kerb, \$7.95 per lineal foot. Cedar pavement-W. H. Cathro, Dundas street, from Sorauren to Bloor st., price \$11,433. Sewers-McKeown & Mallis, northwest branch of the Garrison creek, from Ossington avenue to Bloor street, price \$51,496.

An excellent and quick way to mend broken plaster casts and impressions is said to be to paint the broken surfaces over two or three times with very thick shellac varnish, and at each application to burn out the alcohol over a flame. When the shellac is sufficiently soft, press the parts together, and hold in position till cool. It will be as strong as it was before broken.

#### MINERAL WOOL.

The use of mineral wool as a non-conductor is too well established to need commendation here, as it is to be found in all parts of the country, used by the large refining, packing and brewing establishments, but its use in general buildings as a protection against the spread of fire as well as a non-conductor of heat, cold or sound, should be better understood. Slow combustion is next best thing to a real fireproof building, and this can be secured at a slight cost by the use of mineral wool in the common dwellings or smaller stores or school buildings. At the same time walls and floors are protected from vermin, sound is deadened, while greater warmth is secured for our cold seasons. The material is of small cost, and its increasd use will be likely to reduce the cost of production. This is not an article produced by one or two parties, but can be as universal in its production as brick.

#### CEMENT FOR JOINTING MARBLE.

A good cement for jointing marble may be made by boiling one part of caustic soda, three parts of common rosin in five parts of water, and kneading into it half the quantity of plaster of Paris. This cement is useful for fastening the brass top on glass lamps, as it is very strong, is not acted upon by petroleum, bears heat very well, and hardens in half or threequarters of an hour. By substituting zinc, white lead, or air-slacked lime for plaster of Paris, it hardens more slowly. Water only attacks the surface of this cement. Wiederhold recommends for the same purpose a fusible metal composed of four parts of lead, two parts of tin, and two and a half parts of bismuth, which melts at 202° Fahr. The melted metal is poured into the cupsule, and the glass pressed into it, and then allowed to cool slowly in a warm place. - Stonemason.

# Prices of Building Materials.

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CAR OR CARGO LOTS.					
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YARD QUOTATIONS.		
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Large flat " " Cubic Foot Slate: Roofing (V square).		35 16 00
Large flat "Foundation Blocks, "Cubic Foot Slate: Roofing (V square).  "red		35 16 00 9 00 9 00
Large flat Foundation Blocks, "Cubic Foot State: Roofing (V square)."  red "purple."  untading green  black slate  Terra Cotta Tile, per 30		35 16 00 9 00 9 00 7 50 25 00
Large flat "Foundation Blocke, "Cubic Foot  Slate: Roofing (V square).  "red "purple"  "untading green		35 16 00 9 00 9 00 7 50
Large flat Foundation Blocks, "Cubic Foot Slate: Roofing (V square)."  " purple		35 16 00 9 00 9 00 7 50 25 00
Large flat "Foundation Block, "Cubic Foot Footmatter Roofing (V square).  "red "purple "untading green black slate Terra Cotta Tile, per sq		35 16 00 9 00 9 00 7 50 25 00 8 00 1 25 6 50
Large flat Foundation Blocke, "Cubic Foot  Slate: Roofing (V square).  " purple	6 25 636 536	35 16 00 9 00 7 50 25 00 8 00 1 25 6 50 7 50 6 50
Large flat Foundation Block, "Cubic Foot.  Slate: Roofing (V square).  "purple	6 25 614 514 514 50	35 16 00 9 00 9 00 25 00 25 00 1 25 6 50 7 50 6 50 7 50 6 50 7 50
Large flat Foundation Block, "Cubic Foot  Slate: Roofing (V square).  "red "purple." "untading green. "black slate  Terra Cotta Tile, per sq Ornamental Black Slate Roofing.  Sand:  Per Load of 1½ Cubic Yards.  PAINTS. (In oil, V lb.)  White lead, Can. "rinc, Can. Red lead, Eng. "verntilion. "Indian, Eng. Vellow ochre. Vellow ochre.	6 24 614 514 1 60 90	35 16 00 9 00 7 50 25 00 8 00 1 25 6 50 7 50 6 64 1 75
Large flat Foundation Block, "Cubic Foot  Slate: Roofing (V square).  "red "purple." "untading green. "black slate  Terra Cotta Tile, per sq Ornamental Black Slate Roofing.  Sand: Per Load of 1½ Cubic Yards.  PAINTS. (In oil, V lb.)  White lead, Can. "rinc, Can. Red lead, Eng. "venetian. "venetian. "venetian. "venetian. "lollow ochre. Yellow ochre. Yellow ochrome. Green, chrome.	6 23 634 534 1 60 90 10 5	35 16 00 9 00 7 50 25 00 8 00 1 25 6 50 7 50 6 50 7 50 1 75 1 75 1 00 1 10
Large flat Foundation Block, "Cubic Foot  Slate: Roofing (V square).  "red "purple." "untading green. "black slate  Terra Cotta Tile, per sq Ornamental Black Slate Roofing.  Sand: Per Load of 1½ Cubic Yards.  PAINTS. (In oil, V lb.)  White lead, Can. "rinc, Can. Red lead, Eng. "venetian. "venetian. "venetian. "venetian. "lollow ochre. Yellow ochre. Yellow ochrome. Green, chrome.	6 24 6 34 1 60 90 10 5 15 7 25	35 16 00 9 00 7 50 25 00 8 00 1 25 6 50 7 50 6 75 1 75 1 00 12 10 12 10
Large flat Foundation Block, "Cubic Foot.  Slate: Roofing (V square).  "red "purple" "untading green. "black slate  Terra Cotta Tile, per sq. Ornamental Black Slate Roofing.  Sand:  Per Load of 1½ Cubic Yards.  PAINTS. (In oil, V lb.)  White lead, Can. "rinc, Can. Red lead, Eng. "venetian. "venetian. "venetian. "venetian. "Vellow ochre. Yellow chrome. "Paris. "Black, lamp.  Blue, ultramarine Oil, linsed, raw (d Imp. gallon).	6 25 654 1 60 90 10 5 15 7 25 15 15 68	35 16 00 9 00 7 50 25 00 1 25 6 50 7 50 6 7 50 1 10 10 10 10 20 125 70
Large flat Foundation Block, "Cubic Foot.  Slate: Roofing (V square).  "purple. "untading green. "black slate  Terra Cotta Tile, per \$40. Ornamental Black Slate Roofing.  Sand: Per Load of 1½ Cubic Yards.  PAINTS. (In oil, V lb.)  White lead, Can. "inc. Can. Red lead, Eng. "venetian. "vermillion. "Indian, Eng. Yellow ochre. Yellow ochre. Yellow ochre. "Paris. "Black, lamp. "Blue, ultramarine Oil, linsed, raw (½ Imp. gallon). "in biled "refined.	6 25 6 6 5 6 5 6 5 6 5 6 5 6 5 6 6 8 6 7 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1	35 16 00 9 00 7 500 8 00 1 25 6 50 1 75 1 75 1 20 1 21 2 25 7 7 50 2 25 7 50 2 25 7 50 2 25 7 50 2 25 7 50 2 25 7 50 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Large flat Foundation Block, "Cubic Foot.  Slate: Roofing (V square).  "purple	6 2 5 6 6 5 6 6 7 1 6 6 8 2 7 5 6 8 2 7 7 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	35 16 00 9 00 9 00 9 00 25 00 25 00 1 25 6 50 6 66 1 75 1 12 10 20 21 21 22 25 27 37 37 37 37 37 37 37 37 37 37 37 37 37
Large flat Foundation Block, "Cubic Foot.  Slate: Roofing (V square).  "purple. "untading green. "black slate Terra Cotta Tile, per sq. Ornamental Black Slate Roofing.  Sand: Per Load of 1½ Cubic Yards. PAINTS. (In oil, V lb.) White lead, Can. "rinc, Can. "vermillion. "venetian. "vermillion. "Indian, Eng. Vellow ochre. Vellow ochre. Vellow chrome. Green, chrome. "Paris. "Black, lamp. Blue, ultramarine Oil, linsed, raw (½ Imp. gallon). "toiled "refined, Putty. Whiting, dry. Paris white Eng., dry. Litharge, Am., Sienna, burnt.	6 25 656 55 65 656 55 65 656 556 55 656 556	35 16 00 9 00 9 00 27 00 8 00 1 25 6 50 7 7 50 6 50 7 7 50 1 75 1 10 20 21 22 25 27 27 27 27 27 27 27 27 27 27 27 27 27
Large flat Foundation Block, "Cubic Foot.  Slate: Roofing (V square).  "purple "untading green "black slate Terra Cotta Tile, per sq. Ornamental Black Slate Roofing.  Sand: Per Load of 1½ Cubic Yards.  PAINTS. (In oil, V lb.) White lead, Can "zinc, Can Red lead, Eng "vermillion "Indian, Eng Vellow chrome "Yellow chrome "Paris Black, lamp Black, lamp "Paris "boiled "refined." Putty Whiting, dry Paris white Eng., dry Litharge, Am Sienna, burnt Umber, "CEMENT, LIME, etc.	6 2 5 6 6 5 6 6 7 1 6 6 8 2 7 5 6 8 2 7 7 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	35 16 00 9 00 9 00 9 7 50 25 00 8 00 1 25 6 50 6 7 7 90 6 7 10 20 20 21 20 21 20 21 21 20 21 21 21 21 21 21 21 21 21 21 21 21 21
Large flat Foundation Block, "Cubic Foot  Slate: Roofing (V square).  "red "purple" "untading green" "untading green	6 25 656 55 65 656 55 65 656 556 55 656 556	35 16 00 9 00 9 00 9 7 50 27 00 8 00 1 25 6 30 7 50 1 75 1 75 1 25 2 70 2 75 2 75
Large flat Foundation Block, "Cubic Foot.  Slate: Roofing (V square).  "purple "purple "untading green "black slate Terra Cotta Tile, per sq. Ornamental Black Slate Roofing.  Sand: Per Load of 1/2 Cubic Yards.  PAINTS. (In oil, V lb.) White lead, Can "zinc, Can Red lead, Eng "vermillion "Indian, Eng "vermillion "Indian, Eng "Vellow ochre Yellow ochre Yellow chrome "Paris Black, lamp Blue, ultramarine Oil, linseed, raw (A Imp. gallon) boiled "refined, Putty Whiting, dry. Paris white Eng., dry Litharge, Am Sienna, burnt Umber,  CEMENT, LIME, etc. Lime, Per Barrel of 2 bushels, Grey. "Plaster, Calcined, New Brunswick."	6 25 656 55 65 656 55 65 656 556 55 656 556	35 16 00 9 00 9 00 9 7 50 27 80 8 8 21 1 25 6 50 7 50 1 75 1 20 1 20 2 12 2
Large flat Foundation Block, "Cubic Foot  Slate: Roofing (V square).  "purple "untading green "black slate Terra Cotta Tile, per \$40 Ornamental Black Slate Roofing.  Sand: Per Load of 1½ Cubic Yards. PAINTS. (In oil, V lb.) White lead, Can "sinc, Can "vermillion "vermillion "Indian, Eng. Yellow ochre Yellow ochre Yellow ochre "Paris "Paris "Black, lamp "lamp "liut, alump "boiled "refined. Putty Whiting, dry. Paris white Eng., dry Litharge, Am Sienna, burnt. Umber,  CEMENT, LIME, etc. Lime, Per Barrel of 2 bushels, Grey "White Plaster, Calcined, New Brunswick. "Nova Scotia "Nova Scotia Hair, Plasterers', per bag Cement, Portland, per bbt	6 2 3 4 6 6 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6	35 16 00 9 00 9 7 50 27 00 8 0 1 25 6 50 7 60 1 75 1 20 1 20
Large flat Foundation Block, "Cubic Foot.  Slate: Roofing (V square).  "purple	6 25 656 55 65 656 55 65 656 556 55 656 556	35 16 00 9 00 9 00 27 00 28 00 1 25 6 50 7 50 6 50 7 50 1 75 1 00 1 25 1 25 2 25 7 7 50 1 20 1 21 2 25 2 3 5 2 4 00 2 5 2 7 5 3 7 5 4 00 2 7 5 3 7 5 4 00 2 7 5 3 7 5 4 00 2 7 5 4 00 2 7 5 3 7 5 4 00 2 7 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
Large flat Foundation Block, "Cubic Foot.  Slate: Roofing (V square).  "purple	6 2 3 4 6 6 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6	35 16 00 9 00 9 00 9 7 50 27 00 8 00 1 25 6 50 7 50 1 75 1 00 20 20 20 21 40 25 7 50 8 20 1 25 2 5 2 5 2 7 3 2 7 4 0 2 5 2 7 3 7 4 0 2 7 4 0 2 7 5 0 6 7 7 5 8 2 7 7 5 8 2 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8
Large flat Foundation Block, "Cubic Foot.  Slate: Roofing (V square).  "purple	6 2 3 4 6 6 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6	35 16 00 9 00 9 00 9 00 27 00 8 00 1 25 6 50 7 50 6 50 7 50 1 75 1 00 1 22 25 27 7 50 27 40 27 27 27 27 27 27 27 27 27 27
Large flat Foundation Block, "Cubic Foot.  Slate: Roofing (V square).  "purple	6 2 3 4 6 6 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6	35 16 00 9 00 9 00 17 50 27 00 8 00 1 25 6 50 7 50 6 50 7 50 1 75 1 00 1 25 2 25 2 7 3 2 4 00 2 7 3 2 4 00 3 2 4 00 3 2 4 00 4 00 6
Large flat Foundation Block, "Cubic Foot.  Slate: Roofing (Viguars).  " purple " purple " purple " purple " purple " purple " untading green " black slate  Terra Cotta Tile, per sq. Ornamental Black Slate Roofing.  Sand: Per Load of 1/4 Cubic Yards.  PAINTS. (In oil, Vib.) White lead, Can " zinc, Can Red lead, Eng " vermillion " Indian, Eng " vermillion " Indian, Eng " vermillion " Paris " Paris " Black, lamp Black, lamp Blue, ultramarine Oil, linseed, raw (A Imp. gallon) " boiled " refined, Putty Whiting, dry Litharge, Am Sienna, burnt Umber,  CEMENT, LIME, etc. Lime, Per Barrel of 2 bushels, Grey. " Nova Scotia " Nova Scotia " Nova Scotia " Thorold, " " Queenston, " Napanee, " " Hull, "  Cut Nails: Amencan Pattern, 1/4 inch, per keg " " " " " " " " " " " " " " " " " "	6 2 3 4 6 6 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6	35 16 00 9 00 9 00 17 50 27 00 8 00 1 25 6 50 7 50 6 50 7 50 1 75 1 00 1 25 2 25 2 7 3 2 4 00 2 7 3 2 4 00 3 2 4 00 3 2 4 00 4 00 6
Large flat Foundation Block, "Cubic Foot.  Slate: Roofing (V square).  " purple	6 2 3 4 6 6 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6	35 16 00 9 00 9 00 17 50 27 00 8 00 1 25 6 50 7 50 6 50 7 50 1 75 1 00 1 25 2 25 2 7 3 2 4 00 2 7 3 2 4 00 3 2 4 00 3 2 4 00 4 00 6
Large flat Foundation Block, "Cubic Foot.  Slate: Roofing (V square).  " purple. " untading green. " black slate  Terra Cotta Tile, per sq Ornamental Black Slate Roofing.  Sand: Per Load of 1/2 Cubic Yards. PAINTS. (In oil, V lb.) White lead, Can. " rinc, Can. " vermillion. " Indian, Eng. Vellow ochre Yellow ochre Yellow chrome. Green, chrome. " Paris. Black, lanp. Blue, ultramarine Oil, linsed, raw (A Imp. gallon). " boiled " refined. Putty Whiting, dry. Paris white Eng., dry. Litharge, Am., Sienna, burnt Umber,  CEMENT, LIME, etc. Lime, Per Barrel of 2 bushels, Grey. " White Plaster, Calcined, New Brunswick. " Nova Scotia. Hair, Plasterers, per bay. Cement, Portland, per bbl " Nova Scotia. " Thorold, " Queenston, " Napanee. " Hull, " HARDWARE. Cut Natla: American Pattern, 1/2 inch, per keg " 1/2 to 1/2 inch, per keg " 1/4 to 1/4 inch, per ke	6 2 3 4 6 6 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6	35 16 00 9 00 9 00 9 00 9 00 9 00 9 00 9 0
Large flat Foundation Block, "Cubic Foot.  Slate: Roofing (V square).  " purple. " untading green. " black slate  Terra Cotta Tile, per sq Ornamental Black Slate Roofing.  Sand: Per Load of 1/2 Cubic Yards. PAINTS. (In oil, V lb.) White lead, Can. " rinc, Can. " vermillion. " Indian, Eng. Vellow ochre Yellow ochre Yellow chrome. Green, chrome. " Paris. Black, lanp. Blue, ultramarine Oil, linsed, raw (A Imp. gallon). " boiled " refined. Putty Whiting, dry. Paris white Eng., dry. Litharge, Am., Sienna, burnt Umber,  CEMENT, LIME, etc. Lime, Per Barrel of 2 bushels, Grey. " White Plaster, Calcined, New Brunswick. " Nova Scotia. Hair, Plasterers, per bay. Cement, Portland, per bbl " Nova Scotia. " Thorold, " Queenston, " Napanee. " Hull, " HARDWARE. Cut Natla: American Pattern, 1/2 inch, per keg " 1/2 to 1/2 inch, per keg " 1/4 to 1/4 inch, per ke	6 2 3 4 6 6 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6	35 16 00 9 00 9 7 7 50 9 7 7 50 9 7 7 50 9 7 7 50 9 7 7 50 9 7 7 50 9 7 7 50 9 7 7 50 9 7 7 50 9 7 7 50 9 7 7 50 9 7 7 50 9 7 7 50 9 7 7 50 9 7 7 50 9 7 7 50 9 7 7 50 9 7 7 50 9 7 7 50 9 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Large flat Foundation Block, "Cubic Foot.  Slate: Roofing (V square).  "purple	6 2 3 4 6 6 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6	35 16 00 9 00 9 7 7 50 9 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Large flat Foundation Block, "Cubic Foot.  Slate: Roofing (V square).  "purple	6 2 3 4 6 6 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6	35 16 00 9 00 00 9 00 00 00 00 00 00 00 00 00

MONTREAL PRICES.	BUILDING STONE DEALERS.		METALLIC LATH.	
Lumber, Elc.	Britnell & Co	11	B. Greening Wire Co	viil
Ash, 1 to 4 in , M \$13 00@18 00	Bristow Bros	11	Cockburn, T. B	X
Birch, 1 to 4 inch, M	Gillespie & Brooks	11	MINERAL WOOL	
Basswood	Lyall, Peter	×	Gast & Atchison	
Butternut, per M 22 00 40 00	Rathbun Co	vi vili	Savage, R. D	119
Cedar, flat	The Adjuda Quarry Co	ΪΪ	Ornamental Plasterers.	
Cherry, per M	Vokes Malcolm Stone Co	ÌΪ	Baker, J. D.	li
Elm, Rock 25 00 30 00	CEMENTS.		Hynes Terra Cotta & Brick Co	
Maple, hard, M	Adamant Mfg. Co	vi	Whetter, Henry R Wright, Jas	ii ii
Maple, Soft	McNally & Co., Wm	ix		11
Pine, select. M	Maguire, William	ív	PAINTERS.	
Pine, and quality, M 30 00 25 00	McRae & Co	iy	Dill & O'Hearn	III
Shipping Culls	Rathbun Co.	vi	Dunham, Frank T	
Lath. M 1 to 1 to	Savage, R. D	vili iy	Hatch, W. J.	
Spruce, 1 to 2 inch. M., 10 00 12 00	Terry, Edward	iii	Polito, T	
Spruce Culls		•••	Taylor, W. J.	
Shingles, 1st quality	CHURCH AND SCHOOL FURNITURE.	***	PAINTS, VARNISHES, &c.	•
Cemout, etc.	Bennet Furnishing Co CanadianOffice & School Furniture Co	IV		IV
	Pennington & Baker	vii x	Muirhead, Andrew	110
Portland Cement, per barrel		•	PAVING.	•••
Fire Bricks, per M 20 00 30 00	CHIMNEY TOPPING.			
Cut Nails:	Hansen, Harald M	ix	Excelsior Pavement Co	119
Hot-cut Am. or Can. pattern, 3 inch	CONTRACTORS AND BUILDERS.		Gardner & Co., A.	119
and above	Andrews, Francis	11	The Colman-Hamilton Co	117
Hot-cut Am. or Can. pattern, 214 inch and above 300 3 25	Davidson & Kelly	11	PLASTERERS.	,
and above	Davis, H	II.		
2 inch	Dearing, Geo	II II	Dayton, William H	
Am. pattern, 1% and 1% inch hot-cut 3 50 3 60	Hood & Co., H	ii	Hynes, W. J.	II.
Can. Pattern, cold-cut, 1 & and 1 & inch 2 25 4 45	Grant & Goddard	ΪΪ	Magill, E. T.	iı
" 1½ inch 3 75 5 95	Halls, Wm	11	Watson Bros	ii
1½ inch 3 75 5 95 Finishing Nails, per 100 lb. keg, 1½ Finishing Nails, per 100 lb. keg 1½ 75 cents	Hancock, Thomas	11	PLATE GLASS.	
to 134 inch Ladvance on	Hannah Bros	11	Lvon, N. T.	Ш
and 11/2 inch Hot Cut	Humphrey, T. R	II	McCausland & Son	117
nishing Nails, per 100 lb keg, 2 inch ) Nails.	Lyall, Peter	ıï	Toronto Plate Glass Importing Co	x;
•	Mortimore, Geo. T	ii	PLUMBERS.	1
raints, etc.	Moss, Wm	ii	Bennett & Wright	II
White Lead, pure, 25 to 100 lb. kegs. 6 50 7 00 No. 1 5 25 5 50	Pudifin, Win	ΪΪ	PLUMBING SUPPLIES,	
" No. 1 5 25 5 50 " No. 2 4 50 5 00	Redmond, Joseph	П	Booth & Son	ii
" No. 2 4 50 5 00 " No. 3	Stevens, Chas. H	11	Higman, O	v
Venetian Red English	Thomas & Howell	ii	Malcolm, W. B	i
Yellow Uchre, Prench 1 26 2 00	Webb, John E	11	ROOFING MATERIALS,	
Whiting, London, washed 0 50 0 65	CUT STONE CONTRACTORS.		Merchant & Co	110
" Paris, " 1 15 1 25	Bristow Bros	11	Metallic Roofing Co	ïŸ
Olls:	Hibbard, H. & T	111	ROOFERS.	•
Linseed, raw 0 63 0 55	Isaac Brothers	III II	Duthie & Sons, G.	11
" boiled 0 68 0 58 Olive, pure 1 10 1 15	Oakley & Holmes	ıii	Forbes, Duncan.	
" machinery of I of			Hutson, W. D	
" extra, qt., per case	ELECTRIC LIGHTING.		Metallic Roofing Co	IV
ii pts., " 2 50 2 60	Anderson & Co., A. T	117	Ormsby, A. B	xii
" Knis. " 2 75 2 70	Poval Electric Co	1	0	
" ½ pts., " 2 75 3 10 Spirits turpentine 0 67 0 70	Royal Electric Co	I 117	Rennie & Son, R	11
	The Keegans-Milne Co	1 117	Rennie & Son, R	11 11
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