THE ONLY DAILY BUILDING NEWSPAPER IN CANADA

DAILY BUILDING RECORD

Record Publishing Co., Vancouver, Publishers. Covering British Columbia. Vol. 6, No. 26, Thursday, Jan. 8, 1914

Wm. N. O'Neil Company, Ltd.
PRIVATE EXCHANGE, SEYMOUR 4795. 548, 550 SEYMOUR STREET
Warehouse Davie and Mainland
Collin's Metal Partitions
With
Herringbone Metal Lath
Absolutely Fireproof Wall or Partition, makes either a 2 in. or 4 in. finished wall
Plans Figured Estimates Given

THE RAECOLITH FLOORING CO.
RAECOLITH
PLASTIC FLOORING
WATSONITE FLOORING
1059 Hamilton St. Sey. 8144

TROY ROOFING CO
Tar and Gravel Roofing
Water Proofing
Roof Repairing
All Work Guaranteed
Phone Seymour 7417.
212 Metropolitan Bldg.

.. BRICK ..
A new line of BURLAP RED'S just received. Very rich in texture, cheaper and better than any Red Pressed Brick. LATEST IDEA IN BRICK FACING. See our Panel of Chinchilla Risco's before ordering elsewhere.
RITCHIE CONTRACTING & SUPPLY CO., LTD.
EVERYTHING IN BUILDING MATERIAL .... SEYMOUR 9162

CARTER DEWAR CROWE COMPANY Limited
PHONE Sey. 9422 - 8942 604-5 Birks Building Vancouver B. C.
R. I. W. WATERPROOFING
GLIDDEN'S BRICK AND CEMENT COATING

BUILDING PERMITS AMOUNTING TO $1,000 OR OVER ISSUED AT THE VANCOUVER CITY HALL YESTERDAY.

Number	Description	Cost	Street Address	Lot and Block	Subdivision	Architect	Contractor	Address	Owner	Address

P. E. HARRIS & CO., Ltd.
ELEVATORS
Passenger and Freight
MOTORS
Alternating Current Motors Kept in Stock From One to 100 Horsepower
504 Crown Bldg. Sey. 4698
VANCOUVER, B. C.

Clayburn Firebrick
STANDARD SIZE
PHONE 2988 EVANS COLEMAN & EVANS LIMITED FT. OF COLUMBIA AV.
SPECIAL SHAPES
Made to order. Clayburn Pressed Brick in any shade of gray, red, buff.
CLAYBURN PRESSED BRICK
Supplied Hotel Vancouver, C. P. R. New Depot, etc.

Turnbull Elevator Mfg. Co.
Toronto, Ont.
G. E. BRENNAN & CO.
B. C. Representatives
Sey. 6910 319 Pender St. W.

VICTORIA NEWS

9113 Fire Losses.

Fire losses in Victoria during 1913 amounted to only $18,626 on bldgs. and $28,725 on contents; covered by insurance amounting to $525,550.

Bridges.

No definite decision has been reached on any of the pending bridge schemes.

The Rock Bay bridge will undergo extensive repairs soon.

The city is still waiting for a report from the government as to the Johnson St. bridge proposal.

Favor Concrete Pipe.

It is believed that the recommendation of City Engineer Rust for concrete pipe in the proposed northwest sewer, in place of vitrified brk. lining, will be adopted. Low tenderers for concrete were Moore & Pethick.

Considering Estimates.

The council is in session today to take final action on the proposed civic dept. estimates for 1914.

Some of the amounts asked for this year include. fire dept., $167,847.50; bldgs $60,235; sts., bridges and walks, $122,6.5; plant and pipe yard, $35,590; paving plant, $18,000; waterworks, $237,850; miss., $100,900.

Oak Bay Residences.

Archt. G. C. Mesher has completed plans for a 7-room res. to be erected on Glen ave. for G. B. Schrieber; to cost $4,500.

Archt. J. H. Jones has completed plans for a 5-room fr. res. to be built by day labor for W. H. Collins, on Mowatt St. to cost $3,500.

Bldg. Inspector's Report.

During 1913 there were 409 one-storey buildings for residential purposes in Victoria; 144 of one and a half storeys, and 78 of two-storeys. In brick buildings ten of one storey, two of 2 storeys, eleven of 3 storeys, one of 4 storeys, one of 5 storeys were erected, and one 8-storey and one 5 storey of reinforced concrete.

Five public garages and 119 private were erected and two public stables and 30 private ones. Eight warehouses, seven factories, five churches, ten schools and 28 apartment houses were added to the city's buildings. Of dry kilns, two were erected and four machine shops. Forty new stores were added and 18 sheds built. For alterations an additions 226 permits were issued, and among the other buildings were the new opera house, send and gravel bunkers, two cold storage plants and an observatory. April was the busiest month for building permits.

NO CONTRACTS AWARDED YET ON VICTORIA BLDG.

Store Bldg., Victoria—No contracts have been awarded yet on the proposed new store bldg., of the Hudsons Bay Co. General Mgr. Lockyer, of the Vancouver store, says he expects the results made known in a week or ten days.

The Co.'s stores commissioner, Mr. Burbidge, of Calgary, is now in Victoria looking after the tenders and has announced that contracts will be let without delay.

Separate tenders were submitted for all the trades required and this will require more than the orinary time in reaching a decision.

Bldg. has been previously described.

WAREHOUSE AND OFFICE BLDG. FOR PRINCE RUPERT

Warehouse, Prince Rupert—It is reported that the Imperial Oil Co., will erect a large warehouse and office bldg. at Prince Rupert, to cost, with 5 oil tanks, about $200,000. Work will probably be undertaken very soon, as it is intended to have the improvements completed by April. This will make the Company's supply depot for the northern trade. The site selected is on Hay's Creek Bay. G. A. Woodland, Prince Rupert representative, says the excavating will be undertaken at once.

AWARDED CONTRACT FOR TEXADA WHARF

Wharf, Texada Island—Hodgson, King & McPhalen Bros., 319 Pender St. W., have been awarded a contract to erect a wharf at Texada island for the provincial govt.

The wharf will be of the ordinary pile const. type.

RECOMMENDS THAT CAMBIE ST. BE WIDENED

At the session of the Vancouver Board of Works yesterday, City Engineer recommended the widening of Cambie St between Hastings and Robson sts., to a width varying from 66 to 80 ft. from Hastings to Pender, and 80 ft. from Pender to Robson.

Est. cost of work is $144,662; cost per front footage approx. $70.054.

Emergency Work.

The city engineer recommends a further appropriation of $10,000 for emergency relief work in clearing and rough grading sts. to be selected from the following list:

7th Ave., Rupert to Cariboo, $1,500; 8th ave., Rupert to Cariboo, $1,500; Cariboo St., 5th Ave. to 15th Ave., $4,000; 10th Ave., Cassiar to 242 ft. E. Cariboo, $1,000; 11th Ave., Cassiar to 242 ft. E. Cariboo, $1,000; 12th Ave., Cassiar to 242 ft. E. Cariboo, $1,000; Cariboo St., 13th Ave. to 18th Ave., $1,800; Cassiar St., 13th Ave. to 22nd Ave., $3,500; 14th Ave., Rupert to Boundary, $3,000; 15th Ave., Rupert to Boundary, $3,000; 16th Ave., Rupert to Boundary, $3,000; 17th Ave., Rupert to Boundary, $3,000; 19th Ave., Cassiar to Boundary, $2,200; 20th Ave., Cassiar to Boundary, $2,200; Boundary Rd., Broadway to 13th Ave., $1,800; 10th Ave., Slocan to Renfrew, $1,600; 11th Ave., Slocan to Renfrew, $1,600; 12th Ave., Slocan to Renfrew, $1,600; Parker St., Kaslo to Renfrew, $750; Kaslo St., Union to Charles, $2,000.

Miscellaneous.

The city engineer reported upon the following miscellaneous work:

Rocking Trafalgar Road, est. cost $600.

Planking 10th Ave., est. cost $450.

Replanking Cook St., Dufferin to Front Sts., $350.

Planking lane S. of Pandora, Salsbury Drive to Victoria Drive, est. cost $600.

Reporting offer of a Mr. Almond to bring lane in Blk. 73, D. L. 196, to grade, at a cost of 55c per cu. yd.

Water Mains Damaged.

City Engineer Fellowes reported that he was preparing a detailed statement showing the damage alleged to have been caused to the city water mains from electrolysis on the sts where tram cars were operated.

FAVORS UNION DEPOT PLAN FOR RAILROADS

Depot, Vancouver.—Sir Donald Mann, vice-president of the C. N. R., favors a joint depot, possibly a building constructed as two units, to care for the passenger business of both his line and of the Great Northern on False Creek in Vancouver, where both lines own False Creek terminal locations. Negotiations are now under way between the two companies with this object in view.

One object of Sir Donald Mann's visit to Vancouver is to organize forces on the company's terminal reclamation work on False Creek, which he says will be taken up without delay.

WANTS FIGURES FOR WOOD CARVING

Carving.—Archt. G. P. Bowie, Bank of Ottawa Bldg., is receiving proposals from wood carvers for carving an inscription of the Lumberman's Arch in Stanley Park.

Drawings can be seen at Mr. Bowie's office.

NEW INDUSTRIES WILL GO TO WESTMINSTER

Industrial Commissioner Darling of New Westminster, reports several new industries arranging to locate in that city, involving const. of plant bldgs.

Names and details can most probably be obtained from Mr. Darling.

Equipment Contract Let.

It is reported that Dixon & Murray, 1065 Dunsmuir, have been awarded the contract to instal fittings in the branch post office station on Hastings E., between Main St. and Gore Ave.

Dixon & Murray say they have not been officially notified of receiving this contract.

Will Install Sprinklers.

The Morrison Mill Company will equip its big plant at Blaine with a complete automatic sprinkler system.

"USE BLACKWELL'S LINES"
E. G. BLACKWELL
108 ALEXANDER STREET
Vancouver, B. C.
Phone Seymour 1733.
Builders' and Contractors' Supplies.
Metal Lath, Metal Ceilings.
Corner Bead, Tool and Drill Steel.
Willamette Donkey Engines.
Blaisdell Vacuum Cleaners.
See me about Ready ROOFING. I have the best in the market.

VANCOUVER MARBLE & TILE CO., LTD.
UNDER NEW MANAGEMENT. PROMPT ATTENTION IS ALWAYS ASSURED. THEREFORE, LET US HAVE YOUR ENQUIRIES ABOUT MARBLE AND TILE.
Phone Sey. 1518 844 Beach Ave.

CLYDE HOISTS
are giving complete satisfaction in some of the largest construction work on the Pacific Coast. Let us send you a catalog, showing the 2099 types and sizes made by
The CLYDE IRON WORKS of Duluth, Minn., U. S. A.
TAYLOR & YOUNG Limited
513 Pacific Bldg. Vancouver, B. C.

HARDWOODS
1820 Richards St. J. FYFE SMITH & CO. Phone Seymour 1196

The Holmes Patent Disappearing Bed
The Holmes Patent Closet Bed
------Steel, Partition Tile, Pumps and Saw Rigs------
Dominion Dock & Supply Co. Ltd.
Room 204 - 509 Richards St.
THE OSHKOSH CONCRETE MIXER
LIQUID STONE WATERPROOFING

Montreal Winnipeg London, Eng. Toronto Vancouver, B. C.
ROBERT W. HUNT & CO., LTD.
ENGINEERS
INSPECTION TESTS CONSULTATION
INSPECTION OF
STEEL, CEMENT, BUILDINGS, BRIDGES, PIPE, RAILS, CARS, LOCOMOTIVES, SECONDHAND EQUIPMENT, CREOSOTED MATERIAL, ETC.
CEMENT TESTING LABORATORY AND PHYSICAL TESTING LABORATORY AT 415-6 BANK OF OTTAWA BLDG., VANCOUVER, B. C.
Phone Seymour 2199.
Inspectors at All Large Manufacturing Plants.

GRANDVIEW IRON WORKS
ORNAMENTAL IRON
WIRE AND BRONZE WORK
Highland 136 1530 Venables St.

BALFOUR, GUTHRIE & CO.
--KILGARD--
PRESSED BRICK--FIRE BRICK--FIRE CLAY
MADE IN BRITISH COLUMBIA
VICTORIA VANCOUVER

Gilley Bros., Ltd.
DEALERS IN
CRUSHED ROCK, SAND AND GRAVEL
All Kinds of Building Material
Phones 15 & 16 New Westminster, B. C.

UNION IRON WORKS
IRON WORK OF ALL DESCRIPTIONS
Fair. 2173. 146-8 Lorne St. near Main

BOULTBEE - JOHNSON & COMPANY, Limited
Phone Seymour 9145
Carry at All Times a Heavy Stock of
FIREBRICK
Such as GARTCRAIG SCOTCH, ETNA SCOTCH, KILGARD and Firebrick for Oil Burners
Johnson's Wharf Vancouver, B. C.

B. C. IRON WIRE & FENCE CO.
1705 MAIN ST. ORNAMENTAL Fairmont 292
Elevator Cars and Enclosures
Iron Stairs and Railings.
Fences
Estimates Furnished
Satisfaction and Prompt Delivery Guaranteed
IRON WIRE BRONZE
Bank and Office Grill Work
Fire Escapes
Folding Gates
Specialists and Experts In Jail and Prison Construction

Montreal Winnipeg Glasgow, Scot. London, Eng. Antwerp, Bel. Toronto Vancouver
CANADIAN INSPECTION & TESTING LABORATORIES, LIMITED
STEEL, CEMENT, BRIDGES, PIPE, RAILS, CARS, LOCOMOTIVES, SECOND HAND EQUIPMENT, CREOSOTED MATERIAL, LUMBER, ETC.
Resident Inspectors at all Large Manufacturing Plants
SAMPLERS AT CEMENT MILLS
:: Inspecting and Testing Engineers and Chemists ::
Phone Seymour 6236 VANCOUVER, B. C. Office: 916 Rogers Bldg.
Cement Testing, Supervision Steel and Reinforced Concrete Buildings.

ANTI-COMBINE CONTINUOUS SERVICE
HIGH DUTY STANDARD HIGH GRADE
VAN EMON ELEVATORS
SAFETY — SERVICE — QUALITY
CANADIAN VAN EMON ELEVATOR CO. LIMITED
VANCOUVER . VICTORIA . CALGARY . EDMONTON

Mining Machinery, Turbine Pumps, Concrete Machinery, Hydraulic Machinery
Canadian Allis-Chalmers Ltd.
1063 Pender St. W. Vancouver, B. C. Seymour, 5710

COLIN F. JACKSON & CO.
Wire Rope for Crane Work
Rails and Dump Cars
PHONE SEYMOUR 600 N. E. END CAMBIE ST. BRIDGE

HOISTING ENGINES
Electric Hoists,
Gasoline Hoists
And Elevators
In All Sizes
MUSSENS LIMITED
101 Water St. Phone Sey. 3237

DAILY BUILDING RECORD
Published Daily Except Sundays
RECORD PUBLISHING COMPANY
Address: 583 Homer-Richards Lane.
Rear of 431 Dunsmuir Street
Telephone Seymour 7808

Clyde M. David........Business Manager
G. S. Costello........Editor
L. Walby........Circulation Manager

Large Plastering Contract.

E. C. McDougal & Co., Arcade bldg., Seattle, has been awarded the contract for the staff and plastering work on the horticultural bldg. at the San Francisco Expo., running about $55,000.

Want Landing Repaired.

The Delta Board of Trade has asked the provincial govt. to make extensive repairs to the Ladner ferry landing.

SURRY MUNICIPALITY

Applications will be received by the undersigned up to Monday, January 19 next, for the position of engineer to the Municipality of Surrey. Applicant to state salary required.

L. D. CARNCROSS,
C.M.C.
Cloverdale, B. C.

WANTED TO BUY—One Steam Boiler 50 to 60 h.p. One engine 25 h.p.—State price and location. Address, P. O. Box 70, Revelstoke, B. C.

Proposed Government Buildings, Ottawa, Ont.

EXTENSION OF TIME.

Notice is hereby given that the time for the reception of designs in the first [illegible]petition for the erection of Depart[illegible]tal and Courts Buildings, is extended [illegible] three months to Thursday, April 2nd, [illegible]

By order,
R. S. DESROCHERS,
Secretary.
[illegible]partment of Public Works,
[illegible]657. Ottawa, October 23, 1913.

VICTORIA ARCHITECTS

[illegible]phone.
- Birds, S. B., 302 Central Bldg.
- Breeseman & Durfee, 516 Sayward Bldg.
- Butler & Harrison, 548 Bastion.
- Butterfield, E., 724 Fort.
- Copeman, W. F. U. Co., 212 Jones Bldg.
- Cullin, H. J. R., 408 Hibben-Bone Bldg.
- Farwell, Milo S., 415 Seyward Bldg.
- Fleet & Beale, 1021 Government.
- Ford, G. S., 526 Sayward Bldg.
- Fox & Berrill, 25 Brown Blk.
- Green, Elmer E., 616 Sayward Bldg.
- Griffith, H. S., 1006 Government.
- Hargreaves, L. W., 504 Sayward Bldg.
- Hazeltine, Louis R., 3 McGregor Blk.
- Hooper, Thos., 5th floor, Hibben-Bone Bldg.
- Horton, Hoult, 729 Fort.
- James & James, 414 Hibben-Bone Bldg.
- Jennings, S. A., 322 Sayward Bldg.
- Keith, J. C. M., 416 Sayward Bldg.
- Maclure, S., 401 Jones Bldg.
- Owen, Frank I. M., 422 Sayward Bldg.
- Rattenbury, F. M., 621 Sayward Bldg.
- Rochfort, W. D'O. H., 505 Union Bank Bldg.
- Sedger, Thos. D., 512 Bastion.
- Semeyn, W. J., 625 Courtney.
- Spurgin & Wilkins, 405 Times Bldg.
- Stanley, J. C., 1118 Langley.
- Warren, Jessie M., 503 Central Bldg.
- Watkins, C. E., Green Blk.
- Whitehead, H. T., 13 Green Blk.
- Wilson, John, 221 Pemberton Bldg.
- Wilson, W. R., 323 Pemberton Bldg.
- Yelland & Riley, 423 Sayward Bldg.

CALGARY ARCHITECTS

- Burroughs & Richards, 11 Crown Block.
- Brown & Vallance, Lougheed Bldg.
- Dowler, Leo, Molsons Bank Bldg.
- Hodgson, Bates & Beattie, 613 Grain Exchange Bldg.
- Holman & Gotch, Dominion Bank Bldg.
- Hubbell & Kelly, Oddfellows' Bldg.
- Hay & Fairn, Oddfellows' Bldg.
- Lang & Major, 231 8th Ave. W.
- Lang & Smyth, 210 Beveridge Bldg.
- Lawson & Fordyce, Norman Blk.
- Macdonnell, R. E., Edge Block.
- Macdonald, J. A., Dominion Bldg.
- McIlroy, D. S., 118A 8th Ave. W.
- O'Gara, James J., 515 Maclean Block.
- Pirie, Alexander, 231 8th Ave. W.
- Sloveski, S. L., P.O. Box 1575.
- Teague, James C., Dominion Bk. Bldg.
- Whitten, R. B., 506 Beveridge Block.

EDMONTON ARCHITECTS

- Barnes, R. P., F.R.A.I.C., A.A.A., and Gibbs, C. Lionel, M.S.A., A.A.A., Imperial Bank Building, Jasper Ave. and McDougall Ave.
- Calderon, A. M., F.R.A.I.C., A.A.A., 259 Jasper W.
- Henderson, Jas., F.R.DI.B.A., A.A.A., 42 Jasper W.
- Hopkins, E. C., F.R.I.B.A., A.A.A., 138 Jasper W.
- Johnston, H. D., A.A.A., 62 2nd St.
- Lang, Major & Co., Alberta Loan & Investment Bldg.
- Lines, R. W., M.S.A., F.S.I., A.A.A., Canada Permanent Building, McDougall Ave.
- Magoon, H. A., L.I.C., R.I.B.A., A.A.A., and Macdonald, G. H., B.A., B.C.H., A.A.A., 604-7 Tegler Bldg., 1st St.
- Cauchon, J. E., O.A.A., C.S.C.E., A.A.A. Hart Blk., Queens & Jasper E.
- Wize, J. E., R.I.C.A., A.A.A., Wize Blk., Jasper W.
- D. E., P.A.S.I., C.E. Credit Foncier Bldg., Jasper W., and
- Baalim Block, South Side.
- Wilson, A. G., A.A.A. and Herrold.

J. B. WHITE'S CEMENT
Has a Worldwide Reputation
It is Now Manufactured Locally at
BAMBERTON
R. V. WINCH & CO., LTD. AGENTS
OFFICE—SEY. 279 WAREHOUSE—SEY. 1944

PACIFIC LIME
Makes More Mortar Slakes Instantly Makes Better Plaster

PROPOSED NEW WORK

Character	Estimated Cost	Location	Owner	Architect	Plans Ready
Armory	$350,000	Grandview	Government	Perry & Fowler	Approved
Brick theatre	$20,000	Keefer & Columbia	Sam Kee	W. A. Chow, 1611 Albert St.	Filed
Hotel	$1,000,000	Prince Rupert	Grand Trunk Pacific	F. M. Rattenbury, Victoria	Soon
Depot bldg.	$1,000,000	Prince Rupert	Grand Trunk Pacific	F. M. Rattenbury (Victoria)	Soon
Fertilizing plant & wharf	$125,000	Skeena River	Scot.-Amer. Oil & Fer. Co	J. S. D. Taylor	Tenders closed
Sisters of Good Shepherd	75,000	Point Grey		Wallington & Wheatley	Tenders closed
8 sto conc office	$200,000	Hastings & Hornby	E. A. Morris	Thos. Hooper	Tenders closed
3-sto apt hse	60,000	Kitsilano	T. H. Calland	Wm. F. Gardiner	Delayed
School-Club	$70,000	Haro	Church of Holy Rosary	Tegan & Vezina	Postponed
Bank building	Not given	Dunsmuir & Granville	Dominion Bank	Not selected	Sketches under way
8 sto 35x120 apmt	$130,000	Burrard near Davie	Smith & Smith	Not selected	Sketches under way
5 sto reinf conc apmt	$80,000	West end	Name withheld	Horel & Roberts	tenders closed
Armory bldg.	$250,000	Victoria	Government	W. R. Wilson	Tenders closed
Postoffice Bldg.	$100,000	Mount Pleasant	Government	A. Campbell Hope	Tenders soon
Immigration Sheds	$300,000	C. P. R. Docks	Government	Govt.	Tenders closed
School (fireproof)	$60,000	Burnaby	Burnaby school board	J. H. Bowman	Tenders soon
Church bldg	Uncertain	Van. Methodist Extension Society		In hands of committee	
6 sto reinf conc apmt	$62,000	624 Main st	A. E. Suckling	Braunton & Leibert	Filed
Office bldg.	$100,000	Homer & Georgia sts	E. Mahon	W. F. Gardiner	Soon
5 sto brk, mill and steel	$150,000	Kamloops	Kamloops Hotel Co	W. T. Whiteway	Delayed
Steel & Conc. Transf. bldgs	$450,000	Burnaby & Hastings	B. C. Electric Co.		Plans ready soon
Women's Club	150,000	Thurlow St	Women's Clubs	Not chosen	
6 sto reinf conc rooms	$60,000	Pender St	Law A. Soong	J. F. Watson (New Westminster)	soon
Explosives Plant	$1,000,000	Near Victoria	Victoria Chemical Wks	Work under way	
6-sto. brk. 66 ft. addn.	$75,000	Water near Carrall	W. H. Malkin	Not selected	Spring
6-sto. brk & mill apmt	$153,000	Hastings & Jackson	Morden & Thornton	Braunton & Leibert	Permit issued
Theological College bldgs	$500,000	Point Grey		Probably Sharp & Thompson	
Church bldg	$75,000	10th ave W	6th ave Methodists	Not selected	
Y.W.C.A. Home	$150,000	Victoria	Y. W. C. A.	Soliciting Funds.	
Lodge Bldg.	$40,000	Homer near Dunsmuir	Eagles	Emil Guenther	Tenders Feb. 1
Hotel	$2,000,000	Mt. Robson	G. T. P. Ry.	Company	Indefinite
Bridge	2,100,000	2nd Narrows	Burrard Bridge & Tun. Co.	John Wolfe-Barry	Now
10 sto office bldg	$350,000	Hastings & Abbott	A. Grossman	Russell B. & Rice	Delayed
University bldgs	[illegible]0,000	Point Grey	Province	Sharp & Thompson	Preparing
Brk and stone church	100,000	Carl and Pender	Church of St. James	Alexander & Brown	Waiting funds
8 sto brk and steel	$100,000	New Westminster	Dominion Trust Co.		Soon
10 sto. department store bldg.	$2,500,000	Victoria	Hudson's Bay Co.	Burke, Horwood & White	Preparing
14 sto office bldg.	$750,000	Victoria	Albion Trust Co.	H. S. Griffith	Preparing
7 sto conc rooming bldg	$100,000	Alexander near Carrall	Seamans Home	Hellyer & Archer	Indefinite
Church	$100,000	Victoria	First Baptist Church	Jesse M. Warren	Delayed
Union Passenger Depot	$1,000,000	Victoria	C. P. R. and C. N. R.	Co. Engineers	Preparing
8 sto office bldg	$300,000	Victoria	German Can. Trust Co.	No further details available.	
Stone church	$25,000	Victoria	St. Barnabas	Jones & Beatson—Arranging finances.	
3-sto, 80x90, apmt	75,000	Victoria	Lindsay & Roberts	Horel & Roberts	Undecided
8-sto office bldg	230,000	Victoria	Dom. Trust Co.	H. S. Griffith	Indefinite
10-sto. office bldg.	$1,000,000	Victoria		Thos. Hooper	tenders closed
6-sto brk apmt	$160,000	Victoria	Harry Hume	W. T. Whiteway	Soon
10-sto office bldg	$250,000	Victoria	B. C. Electric Co.	Yelland & Riley	Soon
10 sto office bldg	$250,000	Victoria	Weiler Bros.	A. A. Cox	Soon
Christ Church Cathedral	$400,000	Victoria	Christ Ch. Cathedral Bldg Ltd.	J. C. M. Keith	Preparing
6-sto. reinf. conc. apmt.	$300,000	Victoria	C. C. Pemberton & syndicate	Jennings & Boulanger	Tenders soon
5-sto. brk. and conc. apmt	$110,000	Robson St. (W. End)	Withheld	E. Evans & Son	Delayed
2-sto. conc. school	$50,000	Burnaby	School Board	J. H. Bowman	Tenders soon
Fireproof Theatre	$150,000	Main near Keefer	Withheld		Tenders in spring
Fireproof Theatre	$125,000	Victoria	Withheld		Tenders in spring
5-sto. mill const. apmt	$200,000	Victoria	Withheld		Tenders in spring
School bldgs.	$50,000	Kuper Island, B. C.	Government	Indian Dept. (Ottawa)	Tenders soon
Hotel, 8-sto. fireproof		62-70 Pender E.		J. J. Frantz Const. Co. are negotiating.	
Piers (concrete)	$1,000,000	Victoria	Government	Govt.	Tenders closed
Wharf	$400,000	No. Vancouver	Dom. Govt.	Govt. Draughtman	Preparing
Courthouse (east wing)	$300,000	Vancouver	Provin. Govt.	Dalton & Eveleigh	Preparing
Detention Bldg.	Not given	William Head	Government	Government	Tenders closed
Wharf	Not given	Ainsworth, B. C.	Government	Government	Tenders closed
3-sto brk & Mill	$30,000	7th & Quebec sts	Salvation Army	Toronto man	Filed
Bank bldg	Not Given	Pender & Main	C. Bank of Commerce	Dominion Realty Co.	Preparing
Hotel	$40,000	Revelstoke	J. C. Tapping	Not Known	Soon
Cannery	Not Given	Grand Forks	Grand Forks Cannery Co.	Not Known	Inviting Tenders
Hotel Addns	Not Given	Victoria	Bank Exchange	W. Ridgeway Wilson	Preparing
Hotel addns	Not Given	Victoria	Thomas Davie	W. Ridgeway Wilson	Preparing
5-sto. brk. warehouse		C. P. R. Reserve	Local Man	Doctor, Stewart & Davie	Preparing
2-sto. stores and offices		Main & Broadway	C. M. Bowman	Wm. Frederick Gerdiner	Tenders closed
Harbor Works		Kitsilano Reserve	Government	Government	Preparing
3-sto. brk. office & stores	$20,000	Alexander St.	E. Cook	W. M. Dodd	Filed
Factory, Wharf, etc.	$250,000	Hastings	Royal Crown Soap Co.	Thos. Hooper	Preparing
Wharf	$40,000	West Vancouver	Municipality	McAlpine-Robertson Co.	Tenders Soon
Marine Depot Bldg.	$250,000	Victoria	Government	Government	Tenders wanted soon
Wharf	$250,000	False Creek	J. D. McNeill, 80 Pender E.	Not selected	Spring
Apartment	$20,000	5th & Pine Sts.	E. French	Raphael N. Nicolais	Preparing
Cold Storage Warehouse		Water St.	V. P. R. Meat Co.	Own draughtsman	Preparing

NOTICE
THE PERFECT CONCEALED BED CO., LTD., Have assumed the sole manufacturing agency.
THE MURPHY WALL BED
On Display Suite 106, 570 Granville St. Vancouver, B. C. Phone Sey. 5092

THE FOLLOWING TABLE SHOWS BUILDINGS COSTING $8000 OR OVER, ON WHICH CONSTRUCTION IS UNDER WAY, OR ON WHICH CONTRACTS HAVE BEEN LET BUT CONSTRUCTION NOT YET STARTED.

Character	Cost	Location	Owner	Architect	Contractor
Normal School		Victoria	Prov. Govmt.	W. C. F. Gillam	Luney Bros.
Wharf	$500,000	Adjoining sugar refinery	Government		Henry, McAfee & McDonald
6 sto. mill hotel bdlg.	$25,000	Victoria	Brewing Co.	Jesse M. Warren	C. W. Carkeek & Co.
8-sto. reinf. conc. hotel	$40,000	Victoria	Adams Bros.	Jesse M. Warren	Dow & Ryden
Brk "Old People's Home"	$40,000		City of Vancouver	Perry & Fowler	Campbell & Wilkie
2 sto fireproof creche	$45,000	Haro St.	City of Vancouver	R. T. Williams	Geo. E. Williamson
Brk addn land office	$40,000	New Westminster	Government	Gardiner & Mercer	Sloan & Harrison
Theatre bldg	$40,000	Victoria	R. T. Elliott	J. M. Warren	McPherson & Fullerton
Steel Bridge	$431,600	Georgia-Harris st	City	C. A. P. Turner	J. McDiarmid & Co.
15 sto office bldg	$800,000	Richards & Hastings	Inv. Guar. Corp.	R. Babcock & Rice	Can. Ferro Conc. Co.
Provincial Gaol	$223,465	Victoria	Government	W. R. Wilson	B. C. Const. & Eng. Co. Ltd
8 sto conc club bldg	$350,000	Georgia & Burrard sts	Y. M. C. A.	H. S. Griffiths	B., Campbell & Whipple
Police Headquarters	175,000	City of Vancouver	Powell st	Doctor, Stewart & Davie	C. F. Perry
10-sto store bldg	$2,500,000	Georgia & Granville	Hudson's Bay Co	B. H. & White	Rourke McD. & Moncrieff
7 sto 100x132 theatre	$500,000	Pender & Burrard	E. R. Ricketts	E. W. Houghton & Son	E. J. Ryan
10-sto hotel	520,000	Melville & Burrard	W. H. Ramsey	N. A. Leech	Ferro Const. Co.
Water extension	750,000	Seymour Creek	City of Vancouver	W. S. Lea	Burrard Engr. Co. et al
14-sto hotel	1,000,000	Georgia and Granville	C. P. R.	W. S. Painter	Skene & Christie
7-sto apmts	100,000	Bute & Nelson	Lightheart Bros.	Owners	Owners
Depot & offices	1,000,000	Granville & Cordova	C. P. R.	Contrs.	Westinghouse, Church, Kerr Co.
Dredging	$700,000	False Creek	Government	Eng. Dept.	Pacific Dredging Co.
10-sto. office bldg.	$350,000	Hastings & Hornby	Franco-Canadian	H. L. Stevens & Co., architectural engnrs.	
4 sto brk apmt	$100,000	Victoria	Cameron Bayne Co.	Kenneth Fraser	Name withheld
School (H. Hudson)	$51,519.54		Vancouver school board	School archt	R. McLean & Co.
10 sto exchange bldg	$250,000	Seymour and Robson	B. C. Tel. Co.	Company	Subcontracts Delayed
Theatre	$125,000	Victoria	McPherson, Fullerton & Elliott	Jesse M. Warren	B. C. Const. Co.
Residence	$85,000	Shaughnessy Heights	A. E. Tulk	Maclure & Fox	McPherson & Sinclaire
3-sto brk & Mill	$20,000	Quebec & Lansdowne sts.	Salvation Army	Toronto man	J. W. Spence
3-sto apmt.	$45,000	Victoria	A. B. Winch	C. E. Watkins	Fulton Bros.
Residence	$14,000	Shaughnessy	McKay Smith	Maclure & Fox	Purdy & Lonergan
4-sto brk factory	$150,000	Railway street	American Can Co.	Chicago Archts.	J. Carver & Co.
Residence	$50,000	Victoria	Andrew Wright	Phillip M. Jullien	Sub-contract.
10 sto reinf conc	$[illegible]00,000	1100 Blk Richards	W. A. Lightheart	Owner	Construction under way
Subway (concrete)	$35,000	Vancouver Ferry	City		M. P. Cotton Co.
Residence	$35,000	Shaughnessy	T. H. Bingham	G. B. Kauffman	H. K. & McPhalen Bros.
Cold Storage Plant	$200,000	Steveston	B. C. Packers' Association	Linde-Can. Refrig. Co.	B. C. Granitoid
2-sto. brk. hotel	$52,000	Port Coquitlam	H. C. Thornton	Parr, McKenzie & Day	W. H. Mueller
Heating System	$250,000	Central Dist.	Public Service Corp.		Am. Dist. Steam Co. (Seattle)
Dredging Sand Heads	$70,000	Fraser River	Government	Govt.	Navigation & Dredging Co.
Turning Basin	$100,000	False Creek	Government	Government	Pacific Dredging Co.
Nurses Home & Service Bldg.	$199,921	Hospital Grounds	Vancouver Gen. Hosp.	A. A. Cox	Booker, Campbell & Whipple
4-sto. warehouse		Beattie St.	Cope & Son	Dalton & Eveleigh	G. Snider & Brethour
School	$44,200	Victoria	School Board		Stevens Bros.

Point Grey Supply Co.
ALL BUILDERS LINES
Head Office, Kerrisdale B. C. Phone Eburne 46

N. A. G. Paints, Stains and Roof Compositions
Made By
NEWTON & GREER CO., LTD.
345 Water St. Vancouver 83 Commercial St., Nanaimo, B. C. 628 Clarkson St., New Westminster. 1326 Wharf St. Victoria

CEMENT TESTING Bayview
J. P. Wright, F. C. S. Eng. M. A. C. S.
Specialist in Portland and Other Cements
Expert Adviser on Building Materials, Etc. 3315-7th Ave. W.
CHEMICAL ANALYSIS P. O. Box 546 VANCOUVER, B. C.

:: THE CHICAGO CUBE MIXER ::
The only mixer used on the
PANAMA CANAL
WHY ?
PHONE. WRITE OR CALL
E. G. CULLEN
326 Drake St. Phone Seymour 5021.

BARKER STATIONARY VACUUM CLEANERS
WE MAKE A SPECIALTY OF INSTALLING FINISHED HOUSES
MADE IN VANCOUVER BY
BARKER KRUSE & PATTULLO
200 SOLD IN VANCOUVER AND VICTORIA.
Highland 1110 Carter & McKenzie, Victoria Agents. 1957 Napier St.

Continental Marble Company Ltd.
Large stock of imported and British Columbia Marble at our works. We invite you to call and see our Modern Marble plant, which will insure you of satisfactory work and prompt delivery. Estimates cheerfully given.
Office, 508 Rogers Bldg. Phone Sey. 6448. Factory in Rear of B. C. Electric Car Barns, Main St. Vancouver, B. C.

COAL TAR CREOSOTE
The Most Valuable Wood Preservative Known. To Get Pure Coal Tar Creosote Shingle Stain Specify BARRETT'S
VELVEX CREOSOTE SHINGLE STAIN
THE PATERSON MANUFACTURING CO. Limited
Vancouver Factory and Office: Tenth Ave. and Arbutus St.
PHONE BAYVIEW 772.

THE LATEST DEVELOPMENT IN BUILDING CONSTRUCTION
TEN MONEY SAVING REASONS WHY YOU SHOULD USE "H. B." REINFORCEMENT
1. Saving in first cost.
2. Saving in foundation.
3. Saving in maintenance.
4. Saving in interest.
5. Saving in depreciation.
6. Increased life.
7. Increased comfort, owing to hollow walls, giving insulation.
8. Increased beauty of appearance.
9. Freedom from insulation.
10. Freedom from noise.
Absolutely the latest thing in building construction Write for Particulars and Prices. To be up-to-date use "H. B." Reinforcement.
THE REINFORCED BRICKWORK COMPANY, LTD.
Winnipeg. Western Agents: 100 Carlton Bldg.
SEY. 8317 **N. J. DINNEN & CO.** 17 Fairfield Bldg.
Vancouver. Calgary, Alta. Brick and Supplies, Ltd. Winnipeg.

ROMAN MOSAIC
TERRAZZO PAVING
TERRAZZO STEPS
WAIN COTTING AND BASE
WINDOW SILLS
ALL KINDS OF CEMENT WORK
B. C. MARBLE TERRAZZO CO.
ALL ROMAN, MOSAIC AND TERRAZZO LAID BY ITALIAN EXPERTS.
FIRST CLASS WORK GUARANTEED
OUR WORK IS OUR REFERENCE
PHONE SEY. 6900 212 HARRIS ST.
O. TRAMONTINI, MGR. VANCOUVER, B. C.

PEASE PACIFIC FOUNDRY LIMITED.
Furnaces, Boilers, Pipe and Fittings.
School Heating and Ventilating Apparatus.
Office and Warehouse, 1136 Homer St., Sey. 8397

ROBT. HAMILTON & CO.
HEATING AND VENTILATING FANS
BOILERS, CONTRACTORS HOISTS
Office Suite 614-615-616. Bank of Ottawa Building.

Factories, Coquitlam, B. C. M. J. Hynes, Mng. Director
HYNES STONE & STAFF CO.
MANUFACTURERS OF ART VERONA STONE. STAFF ORNAMENTS TO DETAIL IN CEMENT FOR INTERIOR OR EXTERIOR.
PLASTERERS AND MODELERS.
Office, 614 Hastings St. W. F. B. Adams, Mgr. Phone Sey. 8598

C. F. HARDING
Pile Driving, Wharves, Bridges and General Construction
324 Westminster Trust Bldg Phone 975
NEW WESTMINSTER, B. C.

GLASS
OF ALL KINDS
Wm. HOLT
Fair. 1238 425 Dufferin W.

FOUNDATION TEST WORK
BORINGS MADE TO ANY SIZE.
BY CORING METHOD
K. S. Robinson
503 Winch Bldg. Sey. 6888

MARLBORO CAFE
COMPANY LIMITED.
POPULAR PRICES
Sey. 7799 Cor. Seymour & Dunsmuir

J. A. DEWAR CO., Limited.
Producers of and Dealers in
Crushed Rock, Washed and Screened Sand and Gravel
Office: Sey. 4534 119 PENDER STREET WEST Bunkers, Sey. 6751

Frank Darling & Co.
CONTRACTORS FOR
Cold Storage, Insulation Etc.
NONPAREIL Corkboard
NONPAREIL Cork Pipe Covering
NONPAREIL High Pressure Steam Covering
Granulated Cork
Cork Brick for Dairy Barn Floors
STOCK CARRIED AT 1142-4 HOMER ST.
VANCOUVER, B. C.
PHONES SEY. 4100-4101
B. C. Distributors for Armstrong Cork Company, Pittsburg, Pa.

Vancouver Floor Co.
FLOORLAYERS
Everything Pertaining to Floors of Wood
SANSAN COMPOSITE
8 and Glen Drive Fair. 1612
Vancouver B. C.

Builders' Specialties
Rib-Trus Multiplex Plate
Raydiant Sidewalk Lights
Warrington & Johnson
Sey. 4912. 303 Duncan Bldg.
Vancouver, B.C.

HENRY PETERSON
Pile Driving, Wharfs, Bridges, Etc.
PLANS and SPECIFICATIONS PREPARED
1965 Quebec St. Phone Fairmont 1669

Subscribe to The
Architect, Builder & Engineer
$1.00 A YEAR
RECORD PUBLISHING COMPANY
583 Homer-Richards Lane Vancouver, B. C.

S-A-N-D AND G-R-A-V-E-L
Fairview Sand and Gravel Co.
Successors in Vancouver to Producers Rock & Gravel Co., Ltd.
Bunkers, Front and Manitoba Sts. Phone Fairmont 552

E. A. Earle & Co.
Vacuum Cleaner Plants. Church, Lodge and School Furniture. Theater and Opera Chairs. Metal Lockers and Office Fixtures. Wall Burlaps. Etc.
Phone, Sey. 5476. 417 Rogers Bldg.

CARPENTERS
Contractors, Builders and Others Requiring Carpenters
RING SEYMOUR 1380
No Office Fee Competent Help
FURNISHED

The Value of Spare Moments

From every section, and from all sorts and conditions of men, messages come to tell of earnings increased and futures brightened through study of I. C. S. Courses during spare time.

One letter gives the romance of a young man in California that began with little or no education; another tells the story of a high school graduate in Maine that found himself educated for everything but to make a living. Here are the heart-trobs of a fellow that toiled 12 hours a day and studied his Course as best he could; of a foremen or superintendent that enrolled because his ambition aimed at still bigger things.

No matter where you live, how little spare time you have, or how brief your schooling, the I. C. S. can raise your salary. That statement is backed with 20 years of success and a record of 400 or more advancement letters received every month.

I. C. S. Courses have made draftsmen, foremen, and superintendents of shop hands; building contractors, architects, structural and concrete engineers of carpenters and masons; advertising men, window trimmers, chemists, illustrators, and designers of clerks; electrical, mechanical and steam engineers of laborers; mine inspectors, foremen, and mining engineers of mine workers; bridge engineers, surveyors and mappers, civil engineers, gas engineers, automobile runners and civil service employees of young men willing to use their spare time to mold a career.

Suppose you were to increase your earnings only $20 a month—what a fine return that would be on your spare-time investment! Yet some have increased their earnings $250 a month.

Mark and mail this coupon and you will receive free information how you can increase your earnings by spare-time study.

International Correspondence Schools
Of Scranton, Pa.
Local Office: 642 Robson St., Vancouver, B. C.

Please explain, without further obligation on my part, how I can qualify for a higher salary and advancement to the position, trade, or profession before which I have marked X.

Salesmanship
Bookkeeper
Stenographer
Advertising Man
Window Trimming
U. S. Civil Service Exams.
Mining Engineer
Mine Foreman
Railroad Constructing
Chemist
Commercial Illustrating
Automobile Running
Electrical Engineer
Electric Wireman
Electric Lighting
Electric Railways
Heavy Electric Traction
Telephone Expert
Bridge Engineer
Civil Engineer
Surveying and Mapping
Mechanical Engineer
Mechanical Draftsman
Stationary Engineer
Architect
Architectural Draftsman
Contracting and Building
Structural Engineer
Structural Draftsman
Concrete Construction
Plumbing & Steam Fitting
Heating and Ventilation
Plumbing Inspector
Estimating Clerk
Agriculture
Poultry Farming

Name ______________________
Street and No. ______________________
City ______________ *State* ______________
Present Occupation ______________________

OAK BAY PERMITS

Mrs. I. Dodd, owner; J. C. Hanna, bldr., 6 rm. fr. res., Oliver St.; $2500.

G. C. Hurrell, owner and bldr, 7 rm. fr. res., Patricia Ave., $3750.

A. H. Charles, owner & bldr., S. Maclure, archt., 8 rm. fr. res., Newport Ave., $6500.

H. Gardner, owner; W. J. Palmer, bldr., 3 rm. fr. res., 2017 Meadow Pl., $800.

I. J. arquharson, owner and bldr., 7 rm. fr. res., St. Patrick, $4000.

K. Symons, owner, Swarbuck & Savage, bldrs., Alteutrns. Saratoga, $325.

W. H. Collins, owner and bldr., J. H. Jones, desnr., 5 rm. fr. res. Mowat St., $2500.

A. Cresswell, owner and bldr., 2 rm. fr. res., Beach drive, $500.

Gordon Armstrong, owner and bldr., 5 rm. fr. res., Sunrise Ave., $2700.

G. B. Schreiber, owner; G. S. Mesher, archts., G. C. Hurrell, bldr, 7 rm. fr. res., Glen Ave., $4500.

VICTORIA PERMITS

E. W. Vinall, owner and bldr., 6 rm. fr. res. with bmt., 353 Arnold, $4000.

H. M. Hanson, owner; A. McKinty, bldr., 6 rm. fr. res. with bmt., 2721 Forbes, $2200.

M. Young, owner, Bochfort & Sankey, archts., Parfitt Bros., bldrs., fitting bar rm. A const., Government St., $500.

Raymond Bray, owner; R. Hetherington, bldr.; 8 rm. fr. res. with bmt., 2709 Government & Hillsdale., $2700.

Mrs. E. W. Dougan, owner, D. Frame, archt., Thos. Caterall, bldr., Douglas & Padora, Glass & Tile Store fronts, $1600.

B. C. Electric Co., owners and bldrs., fr. freight sheds, Discovery and Douglas, $3000.

R. Wilkie, owner and bldr., 5 rm. fr. res., 2 sto. and bmt., 319 Burnside, $2200.

Jas. Moggey, owner and bldr., 5 rm. fr. res., 1240 Oxford; $2250.

R. H. Harrison, owner and bldr., 5 rm. fr. res. with bmt., 2644 Belmont, $2300.

W. Langley, owner and bldr., 3 rm. addn. to res., 1775 1fth St., $450.

Change in Agency.

R. E. W. Hagarty has been appointed engineer and mgr. for B. C., for the Trussed Concrete Steel Co., with offices at 52 Hutchinson bldg., Vancouver.

Mr. Harmon, former mgr. has gone to the prairie provinces, with headquarters in Winnipeg.

OFFICIAL PROPOSALS

CITY OF OTTAWA, DOMINION OF CANADA

Tenders for Steel Pipes

Sealed tenders in duplicate addressed one copy to the City Clerk, City of Ottawa, Canada, and the other to Sir Alex. Binnie Son & Deacon, St. Stephens House, Westminster, London, Eng., and endorsed "Tenders for Steel Pipes," will be received until 4 p.m. on Tuesday, the 3rd day of February, 1914, for about forty-two miles of steel pipe, fifty-four inches internal diameter, thirty-two of steel pipe fifty-eight inches internal diameter, and about eleven miles of steel pipe, fifty-one inches internal diameter.

Forms of tender and specification may be obtained from Sir Alex. Binnie Son & Deacon, St. Stephens House, Victoria Embankment, London, S.W., or from the City Engineer of Ottawa, Canada, on and after the fifteenth on receipt by them of a cheque to the value of five hundred dollars made out to the City Treasurer of the City of Ottawa, Canada, which sum will be returned on receipt of a bona fide tender.

The lowest or any tender is not necessarily accepted.

No tenders will be considered except from actual manufacturers capable of supplying the whole of the pipes within a period of two and a half years from the date of acceptance of the tender.

SIR ALEX. BINNIE SON & DEACON
Engineers in Chief,
St. Stephens House,
Westminster, London, Eng

Dated December 4th, 1914.

SPECIAL NOTICE TO CONTRACTORS

Re Greater Winnipeg Water Supply

Estimated Cost $13,500,000.00

Notice is hereby given to contractors that tenders will be invited early in the year 1914 for the construction of the works necessary for the delivery of water from Shoal Lake to the Greater Winnipeg Water District. The following is a brief description of the proposed works:

1. A dyke and channel for the diversion of the Falcon River into Snowshoe Bay.
2. 85 miles Concrete Aqueduct.
3. 1 miles Pipe Line. (Probably 1916 work.)
4. 900 lin. ft. tunnel under Red River.
5. 85 miles of construction railway.
6. Telephone Line.
7. Clearing and Ditching.

The fall season of the year affords the best opportunity for inspection of proposed route of the aqueduct, and it is recommended that contractors having a view to tendering on the work should send their inspectors over the line at as early a date as possible.

Particulars as to estimated cost of the work and map of approximate location and profile of aqueduct may be obtained from the undersigned.

M. PETERSON,
Acting Secretary of the Administration Board, Greater Winnipeg Water District.
City Hall, Winnipeg, Canada,
October 6th, 1913.

Phone Fairmont 1158
MAX BERGER
ARCHITECTURAL MODELER
ORNAMENTS
Of Plaster, Composition, Cement, For Interior and Exterior Use.
MODELS FOR STONE AND METAL
VICTORIA WORKSHOP
455 North Park Phone 1405
ARTIFICIAL STONE
135 Broadway West (Rear)

ARCHITECTS

Alexander & Brown, Fairfield Bdg...S. 8848
Archer, W. H., 429 Pender St. W..........
Atkinson & Rowe, 429 Pender St. W..S. 2622
Radford, J. A., Winch Bldg..........
Badgely, C. D., Riggs-Selman Bdg. ....
Barber & Barber, North Vancouver..........
Barker & Jamieson, 429 Pender W...S. 8831
Bamforth, T. H., 319 Pender St. W...S. 3125
Bird, A. J., Winch Bdg. ....S. 4288
Birds, S.B., A.R.I.B.A., Duncan Bldg. S. 4897
Birkenhead, G. A., 715 Cambie St. ....
Blackadder, H., No. Vancouver 351
Blackmore, E. E., Loo Bldg. ....S. 2379
Blair, David, 522 Pender W. ....S. 7103
Bow Bros., 206 Loo Bldg ....Sey 7366
Bowie, G. P., 206-07 Bk. of Ottawa, S. 3510
Bowman, J. H., Crown Bdg. ....S. 5028
Brauton & Liebert, Excaange Bldg...S. 3921
Breseman & Durfee...Nanaimo and Victoria
Bryan & Gillam, N.W. Trust Bdg., S. 5508
Campbell, M. D., Exchange Bdg......S. 5974
Combs, P. S. & Son, Bower Bldg.....S. 8870
Cox, A. A., Carter-Cotton Bdg.......S. 6177
Cross, Franklin, 342 Pender St. W....S. 9154
Dalton & Eveleigh, Davis Chmbs.....S. 662
Dawson, J., 510 N. W. Trust Bdg.....S. 8153
Doctor, Stewart & D., Bower Bldg. S. 876
Dodd, W. M., Rm. 1, 924 Hasting W. S. 6985
Donnellan, J. J., 319 Pender St. W....S. 6045
Dunlap, G. W., 404 7th Ave. E. ....
Dutour, J. B. Riggs-Selman Bdg.....S. 2912
Duncan, W. S., Court Hse. Blk., Robson St.
Wetenhall, E. B., 102 Loo Bdg.......S. 3373
Dewar, Andrew, 84 Lonsdale, N. Vancouver
Evans, E. & Son, Inns of Court ...S. 7924
Fraser, Kenneth, 734 Granville St...S. 9096
Fripp, R. MacKay, Hutchinson Bdg., S. 4932
Gardiner, W. F., Hartney Chmbs.....S. 2613
Gould & Wood, Rogers Bldg.........S. 8443
Goodwin, J. M., 429 Pender St. W..........
Grant, Henderson & Cook, Will'ms B., S. 1393
Griffiths, H. S., Dom. Trust Bdg.....S. 4920
Gardiner & Mercer, M.S.A., N. West......661
Guenther, E., 404 N.W. Trust Blcg...S. 5125
Hargreaves, L. W., Victoria.
Helyer & Archer, Dominion Bldg....S. 4499
Hodgson, H. A., Carter-Cotton Bdg...S. 6260
Honeyman & Curtis, 821 Pender W., S. 1621
Hooper, Thomas, Winch Bdg.........S. 5351
Hope, A. C., Empire Bldg............S. 5925
Horel & Roberts, 1101-2 Dom. Bldg. S. 1901
Horton & Phipps, Pacific Bdg.......S. 7096
James & Davidson, 504 N.W. Tru. B., S. 9532
Jameson & Duggan, Crown Bdg.......S. 394
Jones & Beatson, Hutchinson Bdg. S. 5024
Jones & Aspell, Hartney Chmbs.......S. 4418
Jullien, P. M., Arts and Crafts Bdg. S. 8270
Kaufmann, G. B., 615 Hastings W....S. 7488
Keagey, J. W., Rogers Bdg..........S. 2746
Leech, N. A., 615 Pender W.........Sey. 4160
Macey, Frank W., 726 Rogers Bldg...S. 1804
Maclure & Fox, Pacific Bldg.........S. 4396
MacKenzie & Kerr, 330 Homer,.......S4255
Matheson, J. P. & Son 809 N.W.Trust, S. 7535
Mitton, E. S., Williams Bdg.........S. 5422
Parr, MacKenzie & Day, Van. Blk....S. 736
Perry & Fowler, 71 Pacific Bldg, ...S. 8994
Nicolais, Raphaela, 926 Birks Bldg., S341
Perkins, F. H., Hutchinson Bdg.....S. 4729
Peters, F. J., Birks Bldg...........S262
Pracna, A. B., 821 Pender St. W.....S. 1022
Randall, J. H., Hutchinson Bldg......S8738
Rattray, Wilbert, 416 Howe St.......S. 3205
W. D'O. H. Rochfort, Victoria.........1804
Russell, Babcock & Rice, Met. Bldg. S. 987
Sharpe & Thompson London Bld...Sey. 1064
Somervell & Putnam, London Bldg.—S. 6230
H. L. Stevens & Co., 216 Duncan B., S. 8835
Stuart & White, Metropolitan Bdg., S. 8649
Symonds, N. E., Holden Bldg. ....
Taylor, J. D. S., Bower Bdg ....S. 8314
Tegen & Vezina, Metropolitan Bldg...S. 1429
Thornton & Jones, Old Safe Bdg......S. 810
Twizell & Twizell, 1019 Metrop. Bdg., S. 7925
Wallington, E., 615 Hastings W...........
Watson, H. B., Holden Bdg. ....S. 3451
Whiteway, W. T., World Bldg. ....S. 3029
Wickenden, C. O., 1062 Pender S. W., S. 1744
Wilson, J., Pemberton Bdg., Victoria...1592
Wright, Rushforth & Cahill, 709 Dunsmuir S. 2809
Wilson, J. and A. S., 532 Granville St........

ENGINEERS

Brown, P. P., A.M.I.C.E., 703 Lon. B. S. 8937

BUSINESS DIRECTORY AND BUYERS' GUIDE

ARCHITECTURAL TERRA COTTA.

Carter, Dewar Crowe, Birks Bldg....S 8942
Cullen, E. G., 326 Drake St...........S. 5021
Evans, Coleman & Evans, Ft. Col. St., S. 2988
O'Nell, Wm. N. Co. Ld., 548 Seymour, S. 4795
Ritchie Contr. & Sup. Co., Ltd., Gran. St. Bridge ....S. 9162
Warrigton & Johnson, 119 Pender S S. 4912

ASPHALT FELT.

Newton & Greer Co., Ltd., 345 Water St.. S. 1397. 1326 Wharf St......Victoria
628 Clarkson St., Westminster
83 Commercial St., Nanaimo
4264 Main St., South Vancouver
Paterson Mfg. Co., 10th & Arbutus S., B. 772

BEDS—PATENT.

Dom. Dock & Supply Co., 509 Rich'ds. S. 3714
Pacific Wall Bed Co., 1087 Granville..S. 372
Perfect. Con. Bed Co., 570 Granville..S. 5092

BRICK—ALL KINDS.

Boultbee, Johnson & Co., Ltd.......S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Cont'n'l Ship. & Trad. Co. Ltd.......S. 6448
Cullen, E. G., 326 Drake St.........S. 5021
Dom. Dock & Supply Co., 509 Rich'ds S. 3714
Evans, Coleman & Evans, Ft. Col., S. 2988
Gilley Bros., Ltd., New West., Phones 15, 16
W. N. O'Neil & Co., 548 Sey. St., S. 4795-4798
Pt. Grey Supply Co., Kerrisdale, Eburne 46R
Ritchie Contr. & Sup., Ltd., Granville St. Bridge ....S. 9162
Warrington & Johnson, 119 Pender, S. 4912
R.V.Winch & Co., Ltd., Winch B. S. 279-1944

BUILDING FELTS AND PAPERS.

Boultbee, Johnson & Co., Ltd.......S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Henry Darling, 28 Powell St. ....S. 512
Evans, Coleman & Evans, Ft. Col., S. 2988
D. R. Morrison, 712 Richards. S. 2161-2152
Newton & Greer Co., Ltd., 345 Water St.. S. 1397. 1326 Wharf St......Victoria
628 Clarkson St., Westminster
83 Commercial St., Nanaimo
W. N. O'Neil & Co., 548 Sey. St., S. 4795-4798
Paterson Mfg. Co., 10th& Arbutus Sts., B. 772
Warrington & Johnson, 119 Pender, S. 4912

BUILDING MOVERS

Clark & Sanders, 1033 Howe St......S. 3292

BONDS—SURETY.

R.V.Winch & Co., Ltd., Winch B., S. 279-1944
Seeley & Co., 1205 Dominion Bldg...S. 4911

CEMENT.

Balfour, Guthrie & Co.........S. 9197-6575
Boultbee, Johnson & Co., Ltd.......S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Can. Builders Sup. Co., 1901 Georgia, S. 7175
Cont'n'l Ship & Trad. Co. Ltd...Sey. 6448
Evans, Coleman & Evans, Ft. Col...S. 2988
Gilley Bros., Ltd., New West., Phones 15, 16
W. N. O'Neil & Co., 548 Sey. St., S. 4795-4798
Pt. Grey Supply Co., Kerrisdale, Eburne 46R
Ritchie Contr. & Sup. Co., Ltd., Gran. St. Bridge ....S. 9162
R.V.Winch & Co., Ltd., Winch B., S. 279-1944

CEMENT TESTING AND ASSAYING.

Can. Insp'c't. & Test. Lab., 916 Rogers Bldg. ....S 6236
Eldridge, G. S. & Co., 426 Richards, S. 4625
Hunt, Robt. W & Co., 602 Hast.....S. 2199
Vancr. Assay Office, 226 Cambie St., S. 7159
Wright, J. P., 3315 7th Ave. W.....B. 2446L

CONTRACTORS—BORING

Robinson, K.S., Winch Bldg..........S. 6688

CONTRACTORS, BRICK.

Dixon, F. L., 1624 Graveley St...H.gh. 1292

CONTRACTORS—EXCAVATING.

Campbell Bros., 1550 Bismark St., High 453

CONTRACTORS—GENERAL.

Armstrong, Morrison & Co., Ltd., Bower Bdg. ....S. 1836
B. C. Gran. & Cont. Co., Exchange B., S. 2296

CONTRACTORS: PAINTING, DAMPROOFING AND FIREPROOFING.

Newton & Greer Co., Ltd., 345 Water St., S. 1397. 1326 Wharf St......Victoria
628 Clarkson St., Westminster
4264 Main St., South Vancouver
83 Commercial St., Nanaimo

CONTRACTORS—PLASTERING.

Hynes Stone & Staff Co. 614 Hstgs W. S.8598

CONTRACTORS—TILE—TERRAZZO.

B. C. Supply Co., Dominion Bldg....S. 6161
Cont'n'l Ship & Trad. Co. Ltd........S. 6448
D. R. Morrison, 712 Richards St., S. 2161-2152
W. N. O'Nell & Co., 548 Sey. St., S. 4795-4798
Van.Marble & Tile Co., 848 Beach Av., S. 1518

CORNICE AND ROOFING.

Cullen, E. G., 326 Drake St.........S. 5021
Grand. Sheet Mtl. Wks., 1685 Ven. St., H. 642
Little & Lee, 682 Seymour St........S. 4458
Troy Roofing Co., 212 Metropolitan...S. 7417
Armstrong, Edw. L., 1540 5th Av.W...B. 296

ELECTRICAL CONTRACTORS

Jarvis Elec. Co, 570 Richards St....S. 1409

ELECTRICAL SUPPLIES

Can. Allis-Chalmers, 1063 Pender....S. 5710

ELECTRICAL SUPPLIES (WHOLESALE)

Can. Allis-Chalmers, 1063 Pender....S. 5710

ELEVATOR CARS AND ENCLOSURES.

Can. Van Emon Co., 1150 Hamilton..S. 5016
Cullen, E. G., 326 Drake St.........S. 5021
Can. Allis-Chalmers, 1063 Pender....S. 5710
Brennan, G. E. & Co., 319 Pender W, S. 6919
Grandview Iron Wks., 1530 Venables..H. 136
Harris, P. E. & Co., [illegible] Crown Bldg. S. 4698
W. N. O'Neil & Co., 548 Sey. St. S. 4795-4798
Ritchie Con. & Sup. Co., Ltd. Gran. St. Bridge ....S. 9162

ELEVATORS

Brennan, G. E. & Co., 319 Pender W. S. 6910
Can. Van Emon Co., 1150 Hamilton..S. 5016
Harris, P. E. & Co., [illegible] Crown Bldg. S. 4698

FIRE CLAY

Balfour, Guthrie & Co.........S. 9197-6575
Boultbee, Johnson & Co., Ltd.......S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Evans, Coleman & Evans Ft. Col...S. 2988
Gilley Bros., New Westminster, Phones 15,16
D. R. Morrison, 712 Richards St., S. 2151-2152
W. N. O'Neil & Co., 548 Sey. St., S. 4795-4798
Point Grey Su. Co., Kerrisdale..Eburne 46R
Ritchie C. and S. Co., Gran. St.....S. 9162
R. V. Winch & Co., Vinch Bidg., S. 279-1944

FIRE EXTINGUISHER SYSTEMS.

Gen. Fire Ex. Co., 1140 Hamilton St..S 5138
Barr & Anderson, 1060 Homer St....S. 6180

FLOORING

B. C. Hdw. Floor Co., 2635 Granville B. 1287
B.C. Supply Co., Dominion Bldg.....S. 6161
J. Fyfe Smith & Co., 1320 Richards..S. 1196

FOUNDERS & MACHINISTS,

N. Shore Ironworks, North Van...P.O. B 1810

FURNACE AND SHEET METAL

Grandview Sht. Met. Wks., 1685 Ven. H. 642
Pease Pac. Foundry, 1136 Homer St..S. 8397
Van. Roof. Co., 1921 Triumph St. High. 509R
Armstrong, Ed. L., 1540 5th Ave. W...B. 296

GALVANIZED IRON WORKS

Grand. Sht. Mtl. Wks. 1685 Venables St. 642
Armstrong, Edw. L., 1540 5th Av.W...B. 296

GAS APPLIANCES.

Van. Gas Co., Hastings St. W....S. 5000

GLASS—ALL KINDS.

Cont'n'l Ship & Trad. Co. Ltd...Sey. 6448
Holt, Wm., Dufferin W.........Fair. 1238
W. N. O'Neil & Co, 548 Sey. St.. S. 4795-4798
Warrington & Johnson, 119 Pender..S. 4913
West. Plate Glass, 318 Water St....S. 8425

HARDWARE,

Flett, J. A., 111 Hastings St. W...S. 2327-8

HARDWOOD FLOORS

B. C. Hardwood Floor Co., 2635 Granville ....B. 1287
Empire Hdw. Fl. Co., 866 Homer....S. 9188
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
J. Fyfe Smith & Co., 1320 Richards..S. 1196
Van. Flr. Co., 8th Ave and Glen D...F. 1612

HARDWOOD LUMBER

Smith, J. Fyfe & Co., 1320 Richards..S. 1196
Warrington & Johnson, 119 Pender..S. 4912

HEATING—HOT AIR, STEAM AND VENTILATING

Acme Plg. & Htg. Co., 131 10th A. E. F. 537
Barr & Anderson, 1060 Homer St..S. 6180
Gen. Fire Ex. Co., 1140 Hamilton St..S 5138
Hodgson Plumbing & Heating Co...S. 2412
Pease Pac. Foundry, 1136 Homer St..S. 8397
Royal Plg. & Htg. Co., 125 Dufferin Street East ....F. 2009
Swamby, C. M., 212 Duncan Bldg..S. 2933
Armstrong, Edw. L., 1540 5th Av.W...B. 296

HOISTING ENGINES

B. C. Equipment Co., Bk. of Ottawa S. 9040
Cullen, E. G., 326 Drake St..........S. 5021
E. G. Blackwell, 108 Alexander St.—S. 1733
Henry Darling, 28 Powell St. ....S. 512
R. Hamilton & Co., Bk. of Ottawa....S.383
Mussens Ltd., 318 Richards St......S. 3237
Ritchie Con. & Sup. Co. Granville..S. 9162
Taylor & Young, Pacific Bldg........S. 4502
Trapp, T. J., New Westminster 69

INTERIOR FINISH

Boultbee, Johnson & Co., Ltd.......S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
E. G. Blackwell, 108 Alexander St...S. 1733
W. N. O'Neil & Co., 548 Sey. St..S. 4795-4798
Ritchie Con. & Sup. Co., Granville..S. 9162
Van. Floor Co., 8th Ave. & Glen D...F. 1612

IRON AND STEEL—STRUCTURAL

B. C. Iron, Wire & Fence Co., 1705 Main. F. 292
Boultbee, Johnson & Co., Ltd.......S. 9145
Can. Allis-Chalmers, 1063 Pender....S. 5710
Cullen, E. G., 326 Drake St.........S. 5021
Can. Northwest Steel Co...............F. 307
Cont'n'l Ship & Trad. Co. Ltd...Sey. 6448
Evans, Coleman & Evans, Ft. Col...S. 2988
Coughlan, J. & Sons, World Bldg...S. 7940
Grandview Iron Wks., 1530 Venables..H. 136
Morris, S. M. Co., 2130 Cedar St....B. 1043
Ritchie Con. & Sup. Co., Granville..S. 9162
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Wilkinson Co., Ltd., 846 Beach Ave...S. 7915
Union Iron Works, 146 Lorne St...Fair. 2173

IRON AND STEEL—ORNAMENTAL.

B. C. Iron, Wire & Fence Co., 1705 Main. F. 292
Carter, Dewar Crowe, Birks Bldg....S 8942
E. G. Blackwell, 108 Alexander St...S. 1733
B.C. Supply Co., Dominion Bldg....S. 6161
Can. Allis-Chalmers, 1063 Pender....S. 5710
Cullen, E. G., 326 Drake St.........S. 5021
Grandview Iron Wks., 1530 Venables..H. 136
Cont'n'l Ship & Trad. Co. Ltd...Sey. 6448
Morris, S. M. Co., 2130 Cedar St....B. 1043
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Ritchie Con. & Sup. Co., Granville..S. 9162
Union Iron Works, 146 Lorne St...Fair. 2173

LATH—METAL

Boultbee, Johnson & Co., Ltd.......S. 9145
E. G. Blackwell, 108 Alexander St...S. 1733
Carter, Dewar Crowe, Birks Bldg....S 8942
Cullen, E. G., 326 Drake St.........S. 5021
Dom. Dock & Supply Co., 509 Rich'ds S. 3714
Evans, Coleman & Evans, Ft. Columb..S. 2988
D. R. Morrison, 712 Richards...S. 2151-2152
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Point Grey Sup. Co., Kerrisdale..Eburne 46R
Ritchie Con. & Sup. Co., Granville..S. 9162
Warrington & Johnson, 119 Pender..S. 4912

LATH—WOOD

Point Grey Sup. Co., Kerrisdale..Eburne 46R

LIME.

Balfour, Guthrie & Co.........S. 9197-6575
Boultbee, Johnson & Co., Ltd.......S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Can. Builders Sup. Co., 1901 Georgia..S. 7175
Cont'n'l Ship & Trad. Co. Ltd........S. 6448
Evans, Coleman & Evans, Ft. Columb..S. 2988
Gilley Bros., New Westminster..Phones 15, 16
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Pacific Lime Co, 201 Carter-Ctn Bldg..S. 9506
Point Grey Sup. Co., Kerrisdale..Eburne 46R
Ritchie Con. & Sup. Co., Granville..S. 9162
R. V. Winch Co, Ld., Winch Bdg..S. 279-1944

MACHINERY

B. C. Equipment Co., Bk. of Ottawa. S. 9040
Boultbee, Johnson & Co., Ltd.......S. 9145
E. G. Blackwell, 108 Alexander St...S. 1733
Carter, Dewar Crowe, Birks Bldg....S 8942
Can. Allis-Chalmers, 1063 Pender....S. 5710
Cullen, E. G., 326 Drake St..........S. 5021
Dom. Dock & Supply Co., 509 Rich'ds S. 3714
Henry Darling, 28 Powell St. ....S. 512
Rbt. Hamilton Co., Bank of Ottawa..S. 383
Mussens Ltd., 318 Richards St.......S. 3237
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Ritchie Con. & Sup. Co., Granville..S. 9162
Swamby, C. M., 212 Duncan Bldg...S. 2933
Taylor & Young, Pacific Bldg.......S. 4502

MANTELS—BRICK, TILE AND WOOD

Carter, Dewar Crowe, Birks Bldg....S 8942
Cont'n'l Ship & Trad. Co. Ltd........S. 6448
Hynes Stone & Staff Co, 614 Hstgs W. S.8598
D. R. Morrison, 712 Richard St...S. 2151-2152
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Ritchie Con. & Sup. Co., Granville B...S. 9162

MARBLE AND ONYX

Continental Marble Co..............S. 6448
Cont'n'l Ship & Trad. Co. Ltd...Sey. 6448
Hynes Stone & Staff Co., Ltd., 553 Granville.
W. N. O'Neil & Co., 548 Sey. St. S. 4795-4798
Van. Marble & Tile Co., 848 Beach Av..S. 1518

OIL BURNING PLANTS

Globe Iron Works, 1513 Pandora St...H. 496
Mach. Insal. & Contr. Co. Dom. Bldg S. 6956
Swamby, C. M., 212 Duncan Bldg...S. 2933

PAINTS AND OILS

Carter, Dewar Crowe, Birks Bldg....S 8942
Henry Darling, 28 Powell St. ......S 512
Newton & Greer Co., Ltd., 345 Water St. S. 1397. 1326 Wharf St......Victoria
628 Clarkson St., Westminster
83 Commercial St., Nanaimo
4264 Main St., South Vancouver

PAINTS—FIRE-PROOF.

4264 Main St., South Vancouver
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Carter, Dewar Crowe, Birks Bldg....S 8942
Newton & Greer, Van., 345 Water...S. 1397
Victoria, 1326 Wharf St..... 887
628 Clarkson St., Westminster
83 Commercial St., Nanaimo
4264 Main St., South Vancouver
Warrington & Johnson, 119 Pender..S. 4912

PAINTS—DAMP PROOF.

Boultbee, Johnson & Co., Ltd........S. 9145
Henry Darling, 28 Powell St. ....S. 512
Newton & Greer, Van., 345 Water...S. 1397
Victoria, 1326 Wharf St..... 887
628 Clarkson St., Westminster
83 Commercial St., Nanaimo
4264 Main St., South Vancouver
W. N. O'Neil & Co., 548 Sey. St .S. 4795-4798
Paterson Mfg. Co., 10th & Arbutus..B. 772
Warrington & Johnson, 119 Pender..S. 4912

PARTITION—FIREPROOF

Boultbee, Johnson & Co., Ltd........S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Cullen, E. G., 326 Drake St..........S. 5021
Evans, Coleman & Evans Ft. Colum..S. 2988
Ritchie, Con. & Sup. Co., Granv. Bdg. S. 9162
Warrington & Johnson, 119 Pender St.S. 4912

PIG IRON AND TIN

Balfour, Guthrie & Co.........S. 9197-6575
Boultbee, Johnson & Co., Ltd........S. 9145
Cont'n'l Ship & Trad. Co. Ltd........S. 6448
R. V. Winch & Co., Winch Bld...S. 279-1944

PILE DRIVING.

Frazer River Pile Driving Co., New West.
Peterson, Henry, 1965 Quebec St......F. 1669

PILING AND POLES

Federal Lum. Co., 920 Rogers Bldg...S. 2063

PIPE—SEWER

Boultbee, Johnson & Co., Ltd.......S. 9145
Cullen, E. G., 326 Drake St...........S. 5021
Dom. Glzd Cmnt Pipe Co., Dom. Bld..S 8286
Evans, Coleman & Evans Ft. Colum..S. 2988
Gilley Bros., Ltd., New West...Phones 15, 16
Ritchie, Con. & Sup. Co., Granv. Bdg..S. 9162
Warrington & Johnson, 119 Pender St. S. 4912
R. V. Winch & Co., Winch Bld...S. 279-1944

PLASTER

Balfour, Guthrie & Co.........S. 9197-6575
Carter, Dewar Crowe, Birks Bldg....S 8942
Cullen, E. G., 326 Drake St...........S. 5021
Evans, Coleman & Evans Ft. Colum..S. 2988
Gilley Bros., Ltd., New West...Phones 15, 16
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Point Grey Sup. Co., Kerrisdale..Eburne 46R
Ritchie Con. & Sup. Co., Granv. Bdg..S. 9162

PLASTER BOARD

B.C. Supply Co., Dominion Bldg....S. 6161
Boultbee, Johnson & Co., Ltd.......S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Cullen, E. G., 326 Drake St..........S. 5021
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Point Grey Sup. Co., Kerrisdale..Eburne 46R
Ritchie, Con. & Sup. Co., Granv. Bdg..S. 9162

PLASTER PARTITION BLOCKS

B.C. Sup. Co., Dom. Trust Bldg....S. 6161
Boultbee, Johnson & Co., Ltd.......S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Cullen, E. G., 326 Drake St..........S. 5021
Ritchie, Con. & Sup. Co., Granv. Bdg..S. 9162

PLASTER—ORNAMENTAL

Boultbee, Johnson & Co., Ltd.......S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Cont'n'l Ship & Trad. Co. Ltd.......S. 6448
D. R. Morrison, 712 Richards St..S. 2151-2152
Hynes Stone & Staff Co, 614 Hstgs W. S.8598
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Ritchie, Con. & Sup. Co., Granv. Bdg .S. 9162

PLASTIC FLOORING

Raecolith Fl'g Co., 1159 Hamilton....S. 8144

PLUMBING

Acme Plmb. & Htg., 131 10th Av. E...F. 537
Barr & Anderson, 1060 Homer St...S. 6180
Hodgson Plumbing & Heating Co...S. 2412
Little & Lee, 682 Sey. St..........S. 4458
Murray Bros., 721 Main St..........S. 8614
Royal Plg. & Htg. Co., 125 Dufferin Street East ....F. 2009
Armstrong, Edw. L., 1540 5th Av.W...B. 296

POWDERS AND EXPLOSIVES

Con. Pwd. Supply Co., 310 Richards S. 4105

RADIATORS AND BOILERS

Can. Allis-Chalmers, 1063 Pender....S. 5710
Rbt. Hamilton Co., Bnk of Ottawa..S. 383
Pease Pac. Foundry, 1136 Homer St..S. 8397
Swamby, C. M., 212 Duncan Bldg..S. 2933

ROOFING COMPOSITION

Boultbee, Johnson & Co., Ltd.......S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Henry Darling, 28 Powell St. ....S. 512
Evans, Coleman & Evans Ft. Colum..S. 2988
Newton & Greer, Van., 345 Water St. S. 1397
Victoria, 1326 Wharf St..... 887
628 Clarkson St., Westminster
83 Commercial St., Nanaimo
4264 Main St., South Vancouver
Paterson Mfg. Co., 10 & Arbutus Sts..B. 772
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Raecolith Fl'g Co., 1159 Hamilton...S. 8144
Ritchie, Con. & Sup. Co., Granv. Bdg..S. 9162
Troy Roofing Co., 212 Metropolitan...S. 7417
Warrington & Johnson, 119 Pender St. S. 4912

ROOFING—SHEET METAL

(See Cornice and Roofing)

ROOFING MATERIAL

Boultbee, Johnson & Co., Ltd.......S. 9145
E. G. Blackwell, 108 Alexander St...S. 1733
Carter, Dewar Crowe, Birks Bldg....S 8942
Henry Darling, 28 Powell St. ....S. 512
Evans, Coleman & Evans Ft. Colum..S. 2988
Newton & Greer, Vanc'ver, 345 Water. S. 1397
Victoria, 1326 Wharf St..... 887
628 Clarkson St., Westminster
83 Commercial St., Nanaimo
4264 Main St., South Vancouver
Ritchie Con. & Sup. Co., Granv. Bdg..S. 9162
Paterson Mfg. Co., 10th & Arbutus, Bay. 772
Point Grey Sup. Co., Kerrisdale..Eburne 46R
Troy Roofing Co., 212 Metropolitan...S. 7417
Warrington & Johnson, 119 Pender St. S. 4912

ROPE-MANILA

Balfour, Guthrie & Co.........S. 9197-6575

SAFES—VAULT DOORS

D. R. Morrison, 712 Richards St..S. 2151-2152
Rbt. Hamilton Co., Bnk of Ottawa..S. 383
Warrington & Johnson, 119 Pender St. S. 4912
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798

SAND GRAVEL AND CRUSHED ROCK

Boultbee-Johnson & Co. Ltd........S. 9145
Can Builders Sup., 1901 Georgia....S. 7175
Dewar, J. A. Co., 119 Pender St. W...S. 4534
Fairview Sand & Gravel Co., Front & Manitoba F552
Gilley Bros., Ltd., New West...Phones 15, 16
Indian River Gravel Co., Ltd.........H. 176
Point Grey Sup. Co., Kerrisdale..Eburne 46R
Rainy R. Gvl Co., N.E. end Cen. Bdg..S. 2161
Ritchie Con & Sup. Co., Granvl. Bdg..S. 9162
Van. Snd & Gvl Co. ft. Victoria Dve..S. 5161

SASH DOORS, WINDOWS, ETC.

Cullen, E. G., 326 Drake St.........S. 5021
W. N. O'Nell & Co., 548 Sey. St...S. 4795-4798

SASH- WEIGHTS, ASH DOORS & DUMPS

McLean & Powell, 392 Dufferin St. W...F1546

SHINGLE MANUFACTURERS AND DEALERS.

(See Lumber and Shingles.)

SLATE

Boultbee, Johnson & Co., Ltd.......S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
R. V. Winch & Co., Winch Bld...S. 279-1944
Ritchie Con. & Sup. Co., Granvl. Bdg..S. 9162

SLATE AND TILE ROOFERS

Timmons, Edw. & Co., 838 7th Ave. W., ...F. 1257L

STEAM FITTERS

Little & Lee 682 Seymour.........S. 4458
Armstrong, Edw. L., 1540 5th Av.W...B. 296

STEEL—REINFORCING.

Balfour, Guthrie & Co.........S. 9197-6575
Cont'n'l Ship & Trad. Co. Ltd...Sey. 6448
Dom. Dock & Supply Co., 509 Rich'ds. S. 3714
Warrington & Johnson, 119 Pender St. S. 4912

STORE & OFFICE FIXTURES & STORE FRONTS

B. C. Iron, Wire & Fence Co., 1705 Main. F. 292
Cullen, E. G., 326 Drake St...........S. 5021
Grandview Iron Wks., 1530 Venables..H. 136
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
West. Plate Glass, 318 Water ....S. 4674

TANKS

Boultbee, Johnson & Co., Ltd........S. 9145
Little & Lee, 682 Seymour St.... .S. 4458

TAR AND PITCH

Paterson Mfg. Co., 10th & Arbutus, Bay. 774

TEA AND COFFEE BLENDERS

Braid, Wm. & Co., 1084 Homer St...S. 6594

TILE—DRAINING

Boultbee, Johnson & Co., Ltd........S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Evans, Coleman & Evans Ft. Colum..S. 2988
Ritchie Con. & Sup. Co., Granvl. Bdg..S. 9162
Gilley Bros., New Westminster Phones 15, 16
Pt.-Haney Brick Co., 615 Hast. S. W., S. 1289
Warrington & Johnson, 119 Pender..S. 4912

TILE—FLOOR AND WALL

Cont'n'l Ship & Trad. Co. Ltd...Sey. 6448
D R. Morrison, 712 Richards St..S. 2151-2152
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Warrington & Johnson, 119 Pender..S. 4912

TIN PLATES

Balfour, Guthrie & Co.........S. 9197-6575
Boultbee, Johnson & Co., Ltd........S. 9145
Wilkinson, C., 846 Beach Av.........S. 7915
R. V. Winch & Co., Winch Bld...S. 279-1944

VACUUM CLEANING SYSTEMS.

Barker Sys. 1957 Napier St......... H1110
Barr & Anderson, 1060 Homer St.....S. 6180
E. G. Blackwell, 108 Alexander St...S. 1733

WALL BOARDS

Newton & Greer Co., Ltd., 345 Water St., S. 1397. 1326 Wharf St......Victoria
628 Clarkson St., Westminster
83 Commercial St., Nanaimo
4264 Main St., South Vancouver

WATERPROOFING

Dom. Dock & Supply Co., 509 Rich'ds S. 3714
Newton & Greer Co., Ltd., 345 Water St., S. 1397. 1326 Wharf St......Victoria
628 Clarkson St., Westminster
83 Commercial St., Nanaimo
4264 Main St., South Vancouver

WATERPROOF COMPOUND

Boultbee, Johnson & Co., Ltd........S. 9145
Carter, Dewar Crowe, Birks Bldg....S 8942
Cullen, E. G., 326 Drake St..........S. 5021
Newton & Greer Co., Ltd., 345 Water St., S. 1397. 1326 Wharf St......Victoria
628 Clarkson St., Westminster
83 Commercial St., Nanaimo
4264 Main St., South Vancouver
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798
Paterson Mfg. Co., 10th & Arbutus..B. 772
Warrington & Johnson, 119 Pender..S. 4912

WELDERS AND CUTTERS

Compressed Gas Co., 571 Howe St. ..S. 4216

WINDOW SCREENS

Cooder Can. Rustproof Scrn. 8th Av. & Glen
W. N. O'Neil & Co., 548 Sey. St...S. 4795-4798

WINDOW SHADES

Grandview Iron Wks., 1530 Venables..H. 136

WIRE ROPE

Balfour, Guthrie & Co.........S. 9197-6575
B. C. Equipment Co., Bk. of Ottawa.S. 9040
Boultbee, Johnson & Co., Ltd ....S. 9145
E. G. Blackwell. 108 Alexander St
Cullen, E. G., 326 Drake St..........S. 5021
Prior, E. G. & Co., 869 Beatty St....S. 288
Ritchie Con. & Sup. Co., Granvl. Bdg..S. 9162
R. V. Winch & Co., Winch Bld...S. 279-1944
Wilkinson Co., 846 Beach...........S. 7915

D. R. Morrison
PHONES "SEYMOUR" 2152 714-718 RICHARDS ST.
From our extensive experience we are able to offer practical working suggestions, while our large and thoroughly modern stock of TILES, MANTELS and GRATES BRASS and COPPER FENDERS, FIRE SETS, FIRE SCREENS, ETC., enables us to render you SERVICE UNEXCELLED by any on the coast. Let us figure with you.

BARR & ANDERSON
PLUMBING and HEATING
International Automatic
Sprinkler Equipment
Phone Seymour 6188
1060 Homer St.
Vancouver B. C.

Seymour 8425 - 8426
ALL KINDS OF GLASS, SASH and DOORS and DETAIL MILLWORK,
Western Plate Glass & Imp. Co. Ltd.
Registered Office 318
Water St. Vancouver, B. C.

FRASER RIVER PILE DRIVING COMPANY
P. A. Jones, Mgr.
WHARF BUILDING,
BRIDGES,
PILE FOUNDATIONS,
ETC.
Room 510, Westminster Trust Bldg., New Westminster Telephone 1015

ARMSTRONG, MORRISON & CO.
Limited
Public Works
Contractors
Office: 813-815 Bower Bldg. Vancouver, B.C.

FALSE CREEK GRAVEL & SUPPLY CO.
LIMITED
Sand Gravel and
Building Material
'Phone Seymour 1365. Office and Wharf
959 Main Street

The Hodgson Plumbing & Heating Company, Ltd.
Plumbing, Hot Air and Hot Water Heating
Agents For The
PEASE "ECONOMY" FURNACE
1154 Burrard St. Sey. 2412

McLEAN & POWELL
Manufacturers of
SASH WEIGHTS
Ash Doors Ash Dumps
Fairmont 1546 392 Dufferin W.

CAMPBELL BROS.
CONTRACTORS
Excavating and Teaming
Highland 463 1623 Bismark

We Make a Specialty of
TEA & COFFEE BLENDS
for Contractors' Supplies
WM. BRAID & CO.
Vancouver. B. C.

GRANDVIEW
Sheet Metal Works
Warm Air Heating
Furnaces and General Jobbing
1685 Venables St. Highland 649

EMPIRE HARDWOOD FLOOR CO.
Sey. 9188 866 Homer St.

ACME PLUMBING & H'TG., CO.
131 10th Ave E. Fair. 537.

MURRAY BROS.
PLUMBING AND HEATING
721 Main St. Phone Sey. 8614

EDW. L. ARMSTRONG
Sheet Metal Contractor
CORNICE ROOFING SKYLIGHTS
Warm Air Heating a Specialty
Phone Bay. 296 1540 5th Ave. W.

Clark & Sanders
BUILDING MOVERS
1310 Hornby St. Sey. 3292

LITTLE & LEE
Sheet Metal Workers
Roof Tanks Cornice, Roofing, Furnaces.
?82 Seymour St. Phone Sey. 4458

Wanted Miscellaneous

CARPENTERS wanted who will build a small house of five rooms and take equity in building lot and small cash payment for labor. Only good men need apply. Box 1327 Province.

WANTED—Two shinglers. Fairmont 957.

NOTICE

Is hereby given that H. C. Foster is in no way connected with E. T. Hosking, general contractor, of 1140 Alberni st., Vancouver, B. C. (Advt.)

FILES REPORT ON UNCOMPLETED WALKS

Sidewalks, Vancouver—City Engineer Fellowes has completed a report showing the condition of new sidewalk construction which has passed the court of revision, but which has not been finished, as follows:

Bridge, 7th Ave. to 9th Ave.—Not commenced; delayed on account of widening and paving. 9th Ave. to 16th Ave.—Not commenced; waiting for widening and paving.

Beatty, Robson to Smythe—Not commenced; delayed by paving.

Birch, 8th Ave to 15th Ave.—Constructed 8th to 14th; balance waiting for heavy fill 14th-15th.

Bridge, 5th Ave. to 6th Ave.—Not commenced; delayed on account of widening and paving.

Bridge, 7th Ave. to 338 ft. N. 6th—Not commenced; delayed on account of widening and paving.

Clark, Hastings to Venables—Not commenced; delayed by widening.

Clark, Venables to William—Not commenced; delayed by widening.

Clark, Powell to Hastings—Not commenced; delayed by widening.

Cordova, Raymur to Vernon—Partly constructed; balance held up by Viaduct scheme.

Cordova, Campbell to Vernon—Partly constructed; balance held up by Viaduct scheme.

Cordova, Campbell to Raymur—Not commenced; held up by Viaduct scheme.

Cypress, Cornwall to Broadway—Partly constructed; balance waiting on account of heavy fill to be made 1st-Cornwall.

Cornwall, Yew to Cypress—Partly constructed; balance waiting for settlement of heavy fill, Walnut-Cypress.

Cornwall, Arbutus to Cypress—Partly constructed; balance waiting for settlement of heavy fill, Walnut to Cypress.

Commercial, 6th Ave. to 14th Ave.—Partly constructed; balance delayed on account of proposed paving.

Dufferin, Main to Bridge—Partly constructed; balance held up by owners N. W. corner Manitoba.

15th Ave., Westminster Rd. to Scott—Not commenced; waiting on account of widening.

1st. Ave., Victoria to Woodland—Not commenced; waiting on account of widening.

4th Ave., Vine to Alma—Partly constructed; balance delayed on account of paving.

1st Ave., Victoria to Lakewood—Not commenced; delayed for widening.

14th Ave., Scott to Glen—Partly constructed; balance waiting for heavy cut to be made, Scott to St. Catherines.

4th Ave., Victoria to Lakewood—Partly constructed; balance waiting for heavy cut to be made, Semlin to Lakewood.

Gore Ave., Alexander to C. P. R.—Not commenced; held up by Viaduct scheme.

Hastings, Campbell to Vernon—Not commenced; held up by Viaduct scheme.

Harris, Jackson to Campbell—Partly constructed; balance waiting for heavy cut to be made.

Harris, Main to Jackson—Partly constructed.

Hastings, Howe to Burrard—Partly constructed.

Pender, Seymour to Granville—Not Commenced by City; held up by owners.

Raymur, Powell to Hastings—Not commenced; held up by Viaduct scheme.

Prior, Heatley to Campbell—Not commenced; waiting for heavy grading.

Seaton, Thurlow to Bute—Not commenced; held up until trees are removed.

2nd Ave., Victoria to Lakewood—Partly constructed; balance waiting for heavy cut to be made, Semlin to Lakewood.

6th Ave., Semlin to Commercial—Not commenced; waiting for completion of heavy grading.

12th Ave., Yew to Arbutus—Not commenced; held up by owners.

Trafalgar, Point Grey Rd. to Broadway—Partly constructed; balance waiting for construction of curbs.

Vine, 2nd Ave. to Cornwall—Not commenced; waiting for construction of curbs.

Westminster Road, Prince Edward to 15th Ave.—Not commenced; waiting for widening to be carrie dout.

York, Cypress to Trafalgar—Partly constructed; balance waiting for construction of curbs and heavy fill.

2nd Ave., Trafalgar to McDonald—Not commenced; waiting for construction of curbs.

Charles, Clark to Victoria—Partly constructed; balance waiting for grading on Clark Dr.

PROPOSALS WANTED

Supplies, Victoria—Bids for general supplies for use next year will be immediately called for by the city of Victoria, the supplies comprising feed, groceries, meat, fish, vegetables, milk, bread, drugs, cordwood coal, general hardware, castings hydrants sewer brick, sewer pipe, sand and gravel, cement, lumber, slabwood, etc. Bids must be in by 4 p.m. on January 19.

Sub-contracts—James Layfield, 1024 Broadway W., who has been awarded contracts by the provincial authorities for erecting new courthouse bldgs. at Nicola and Merritt, B.C., wants subcontract figures on all trades required, including plumbing, heating, cement, lumber, painting, etc.

Bldgs. will be of frame construction on concrete foundations.

GOVERNMENT TENDERS WANTED

Heating, North Vancouver—J. J. Mahoney, govt. agent, 501 Pender st. W., Vancouver, is receiving figures until noon, Jan 12, for hot-water heating equipment for the North Vancouver school.

Details at Mr. Mahoney's office.

Gasoline Boat—The marine and fisheries department is calling for tenders for the construction of a gasoline launch for the fishery patrol service on the B. C. coast. The required dimensions of the craft are: Length over all, 55 feet; beam, 12 feet, and draft, 5 feet. The engine will be a three-cylinder, four-cycle, 8 x 10 Samson engine or any other engine satisfactory to the department.

Miscellaneous—Tenders are being received until noon, Jan. 6, for miscellaneous supplies required at various points in Manitoba, Alberta and Saskatchewan for the dept. of Indian affairs.

Details from Duncan C. Scott, Dep. Supt. General of Indian Affairs, Ottawa.

Drill Hall, Vancouver—As a preliminary to undertaking construction on the proposed Grandview Drill Hall, for which plans have been completed by Archts. Perry & Fowler, Pacific bldg., the Dept. of Public Works, at Ottawa, is receiving proposals until 4 p.m. Jan. 5, for the purchase of the bldgs. now occupying the site, bounded by Park Drive, William, Cotton and Charles sts.

The bldgs. must be moved away within 60 days from notification by the dept.

The proposed armory bldg. will cost about $350,000.

Piers, Victoria—It is announced from Ottawa that the Dominion government has extended the date for receiving contract tenders on the two proposed govt. Victoria piers until Jan. 8.

Tenders were to have been closed at Ottawa at 4 p.m. on Dec. 9. The authorities gave another month to figure on the work, at the request of a large number of firms which wished to tender but wanted more time to go into the various details.

The two piers, const. details of which have appeared previously in the Building Record, will be of reinf. concrete, with a solid fill, embracing four slips, to cost about $750,000 each.

Steamer—Alex. Johnson, Deputy Minister of Marine and Fisheries, Ottawa, is receiving proposals until Jan. 8, for constructing a twin-screw ice-breaking str., dimensions as follows:

Length B. P. ....275 feet 0 inches.
Breadth extreme........ 57 " 6 "
Draft Mean .... 19 " 0 "
Indicated Horse Power....8,000

to be delivered at the King's Wharf in the City of Quebec.

Plans, tender forms and specifications of this steamer can be seen at the office of the Purchasing Agent of the Marine and Fisheries Department, Ottawa, at the offices of the Collectors of Customs, Toronto, Collingwood and Port Arthur, and at the agencies of the Department of Marine and Fisheries at Montreal, Quebec, St. John, Halifax, and Victoria, B. C.

All tenders must be made with the distinct understanding that the steamer must be built in Canada.

Plans, tender forms and specifications can be procured upon application from the Purchasing and Contract Agent, Ottawa.

COMPETITION OPEN.

Masonic Temple, Toronto—Competitive designs for this structure will be received up to noon on the 20th day of January, 1914. The conditions of competition have been prepared by a competent professional adviser who will also report upon the merits of the various designs. For copy of conditions apply to Mr. W. H. Best, No. 181 Avenue Road, Toronto.

Dept. Bldgs., Ottawa—The commission of architects appointed by the government to direct the preparations of designs for the new departmental buildings at Ottawa has just submitted its report outlining the conditions of the competition.

It will be open to competitors throughout the British Empire. There will be at least two buildings and probably a third one for the courts. Half a million superficial feet of floor space will have to be provided.

Designs of a general character will first be submitted and from this number the best six will be selected and the authors of these will be asked to elaborate their designs. The one finally selected will get the job of superintending the work based on his plans and will be given a five per cent commission. The cost of the buildings will probably aggregate five million dollars.

The other five competitors who will be asked to develop their general designs will each receive $3,000. The sketches will be received up to April 2 next. Then three months will be given for the best half dozen to develop their plans.

The competitors whose plans are accepted will be given a further period of four months to prepare working plans. Afterward tenders will be called for, but, in view of the time allowance, this will, not be before next autumn.

The cost of the building will aggregate $5,000,000 dollars. The other five competitors will be asked to develop their general designs and each will receive $3,000. The sketches will be received up to January 2, next. Then three months will be given for the best half dozen to develop their plans.

GLOBE IRON WORKS
MANUFACTURERS OF
Oil Burning Machinery
Plants Installed and Repaired
1815 PANDORA ST., cor. Salsbury
Phone High. 496 Vancouver, B. C.

JAMES & McCLUGHAN
Plumbers, Heaters and Hdw. Merchants, cor. 6th & Front, Westminster

NOTICE
INSPECTION OF GAS PIPING
Architects, Builders and Owners are notified that all gas piping must be tested by our inspector before walls are closed in. Otherwise this company will not be responsible for supplying gas for the building.
Information and estimates re gas piping furnished without charge.
VANCOUVER GAS COMPANY
New Business Dept. Phone Sey. 5000

OFFICIAL PROPOSALS

TENDERS FOR SUPPLIES

Sealed tenders will be received by the undersigned up to 4 p.m. on Monday, January 19, 1914, for the following current year.

Feed.
Groceries.
Meat.
Fish.
Vegetables.
Milk.
Bread.
Drugs.
Cordwood.
Coal (domestic and large lump, nut blacksmith).
Hydrants.
Sewer Brick.
Sewer Pipe.
Sand and Gravel.
Portland Cement.
Slab Wood.
General Hardware.
Castings.
Lumber.

Plans and specifications may be obtained at the office of the City Purchasing Agent, to whom all tenders must be addressed and marked outside "Tenders for Supplies." The lowest or any tener not necessarily accepted.

W. GALT.
City Purchasing Agent.
City Hall, Victoria, B. C., Jan. 2, 1914.

TENDERS

For a Complete Mechanical Filtration Plant, Boilers, Steam Turbo-Generator Plant, And All Appurtenances

Tenders will be received by registered post only, addressed to the Chairman of the Board of Control, City Hall, Toronto, Canada, up to noon on Tuesday, January 20th, 1914, for the installation of a complete Mechanical Filtration Plant, Boilers, Steam Turbo-generator Plant, and all appurtenances at Toronto Island.

Specifications and tender forms may be obtained upon application at the office of Mr. James Milne, Mechanical Engineer, Department of Works, City Hall, Toronto.

Envelopes containing tenders must be plainly marked on the outside as to contents.

The usual conditions relating to tendering as prescribed by City By-law must be strictly complied with, or the tenders may be declared informal.

Tenderers shall submit with their tenders the names of two personal sureties approved by the City Treasurer, or, in lieu thereof, the bond of a guarantee company approved as aforesaid.

The lowest or any tender not necessarily accepted.

H. C. HOCKKEN, Mayor,
Chairman, Board of Control.
City Hall, Toronto,
November 25th, 1913.

PROPOSALS WANTED

TENDERS.

Tenders addressed to the undersigned at Ottawa, and endorsed on the envelope "Tender for Gasoline Launch," will be received up to noon of the Twenty-sixth day of January, 1914, for the construction of a Gasoline Launch for the Fishery Patrol Service in the Province of British Columbia, of the following dimensions, namely:

Length over all ....55 feet
Beam ....12 feet
Draft .... 5 feet

Boat to be equipped with a three-cylinder, four-cycle, 8 inch by 10 inch Samson engine or any other engine satisfactory to the department.

Plans and specifications can be procured upon application from the Chief Inspector of Fisheries at New Westminster, Inspector of Fisheries at Nanaimo, E. B. Schock, Vancouver, and from the Agent of this Department at Victoria, B. C.

Each tender must be accompanied by an accepted cheque on a chartered Canadian bank equal to ten per cent (10 p.c.) of the whole amount of the tender, which cheque will be forfeited if the successful tenderer declines to enter into a contract or fails to complete the boat in accordance with the tender.

Cheques accompanying unsuccessful tenders will be returned.

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

Newspapers copying this advertisement without authority from the Department will not be paid for same.

ALEX JOHNSTON,
Deputy Minister of Marine and Fisheries,
Department of Marines and Fisheries,
Ottawa, Ont., December 31, 1913.

Architectural **CASTINGS** Mechanical
NORTH SHORE IRON WORKS, LTD.
Derricks Tanks Boilers
Phone 164 North Vancouver P.O. Box 1810

Canadian Builders Supply Co., Ltd.
Dealers in
SCREENED SAND AND GRAVEL
CRUSHED STONE, LIME, CEMENT ETC.
Office
1901 Georgia St.
Seymour 7174.
Bunkers
Sey. [illegible]

B. C. EQUIPMENT CO.
MACHINERY DEALERS
CONCRETE MIXERS, STEEL CARS, TRANSMISSION AND CONVEYING MACHINERY, ROCK CRUSHERS, MINING MACHINERY, FOUNDRY EQUIPMENTS, PUMPING MACHINERY, ROAD MACHINERY, ETC., ETC.
Phone Seymour 9040 Offices: 606-607 Bank of Ottawa Bldg.
Warehouse: 1059 Hamilton Street.

STAIN YOUR BUNGALOW
Don't paint them. Stain them over, roof, sidings and trimmings, with
CABOT'S SHINGLE STAIN
Phone Sey. 512 **HENRY DARLING** 23 Powell Street

E. G. Prior & Co., Limited
WIRE ROPE
For Logging, Crane And All Purposes
Manufactured by Wm. Cook & Co., Sheffield, England.
Phone Sey. 386. 869 Beatty St.

SEWER PIPE
We are the sole Manufacturers of Machine-Made Glazed Cement Sewer Pipe in British Columbia.
DOMINION GLAZED CEMENT PIPE CO., LTD.
Office: Dominion Bldg., Vancouver, B. C. Phone: Sey. 8286

SCREENS!!
Rustproof Insect Screens
MADE IN VANCOUVER
Cooder Screen & Mfg. Co.
Tel. Fair. 1270 8th and Glen Drive

Wall Boards
UTILITY, PLASTERGON and ASBESTOS
W. C. THOMSON CO.
LIMITED
Labor Temple Cor. Sey. 3394

C. M. SWANBY
POWER HEATING AND VENTILATING
ENGINEERING CONTRACTOR
Phone Sey. 2933 212 Duncan Bldg.
VANCOUVER, B.C.

Structural Steel For Every Purpose
BEAMS, CHANNELS, ANGLES, PLATES, TEES, COLUMNS
COMPLETELY EQUIPPED FABRICATING SHOPS
CANADIAN NORTHWEST STEEL CO'Y, Ltd.
Fairmont 2396 and 2397 VANCOUVER, B. C.

THE BANK OF VANCOUVER
Head Office: Vancouver, B. C.
Branches throughout the Province of British Columbia.
SPECIAL ATTENTION GIVEN TO COLLECTIONS
Savings Department at all Branches. Deposits of One Dollar and upwards received and interest credited half-yearly.
Chas. G. Pennock, General Manager

ON HEATING, POWER AND SPRINKLER WORK, AND SUPPLIES FOR SAME, YOU CANNOT BEAT THE PRICE OR REPUTATION OF THE
GENERAL FIRE EXTINGUISHER CO.
TRY IT
Phone Sey. 5138 Vancouver, B. C. 1140 Hamilton St.

Contractors' Bonds
Issued Without Any Delay
CASUALTY and FIRE INSURANCE
Seymour 4911 SEELEY & CO. 1205 Dominion Bldg.

WHINSTONE MACADAM QUARRIES CO.
TRAP ROCK IN ALL SIZES
CRUSHING PLANT HOWE SOUND
Phone Sey. 4105
CITY OFFICE 310 RICHARDS ST. Vancouver, B. C.
Specially Equipped For Crushing For Concrete Purposes and Road Work.