

BUSINESS TROUBLES.

THE following assignments of contractors are reported
George H. Maltchets, 5 Parkdale Avenue, Toronto;
Chas. O. Lamontague, contractor for the Lachine Water Works,
Montreal.

LEGAL DECISIONS.

IN the case of Langdon et al. vs. Northfield, lately decided by the Supreme Court of Minnesota, it appeared that the contract sued on (by which the defendants agreed to construct or grade a portion of a railway, 85 per cent. of the contract price to be paid by plaintiffs monthly on the monthly estimates of the engineer, the remaining 15 per cent. to be retained until the final estimate of the work was completed) contained a provision that if the defendants neglected or refused, after notice, to proceed with the work as fast as, in the opinion of the plaintiffs or the chief engineer of the railway company, was necessary for its completion within a time specified in the contract, then the plaintiffs might "employ other parties to execute any part of the work and charge the cost of the same to the defendants, to be deducted out of the retained percentage or out of any payment that shall become due on any former estimate or that may become due on any subsequent estimate." The court held that the defendants' liability to reimburse the plaintiffs for the cost

of executing a part of the work was not limited to the amount due defendants on the contract retained in the hands of the plaintiffs.

An action was recently brought in the Toronto courts by John Cowdy against his employer, a contractor named Hamblyn, claiming \$3,000 for injuries sustained owing to the fall of a scaffold. The jury awarded plaintiff \$300.

TESTING THE HARDNESS OF WATER.

A RAPID method for ascertaining the amount of lime and sodium carbonate necessary to soften a hard water has been devised by M. L. Vignon. It gives satisfactory results in waters which do not contain a large quantity of magnesium chloride or sulphate. He employs a standard solution of lime for titrating the water, using an alcoholic solution of phenolphthalein as indicator. The volume of lime water added is a measure of the lime required to combine with the free carbonic acid present in the water, and that necessary to convert the hydrogen calcium carbonate and hydrogen magnesium carbonate into insoluble salts. On filtering off the precipitate formed in this way from 100 c. c. of the water under examination, the filtrate is titrated with a solution of sodium carbonate containing 1 gram per litre, phenol-phthalein again being used to indicate the end of the reaction.—*Industries.*

A glue which is proof against moisture, may be made by dissolving 16 ounces of glue in 3 pints of skim milk. If stronger glue is wanted, add powdered lime.

Complaint is sometimes made of the thick skins and dry, hard conditions in general of old lead. A point worth remembering by the "old league" fanatics, is to always open a lead keg from the bottom. The lead will be found to be much smoother and softer than on the top.

Please mention the CANADIAN CONTRACT RECORD when corresponding with advertisers.

UPPER CANADA COLLEGE.

TENDERS.

SEALED TENDERS will be received by the undersigned until Wednesday, February 26th, 1890, at 12 o'clock noon, for the plumbing and gasfitting of Upper Canada College. The envelopes to be marked "Tender for Plumbing and Gasfitting," and to be accompanied by an accepted cheque for ten per cent. of the amount as a guarantee of good faith. Plans and specifications can be seen at the Education Department.

GEO. W. ROSS, Minister of Education.

Education Dep't (Ont.), Toronto, 18th Feb., 1890.

TO BUILDERS.

TENDERS will be received at the office of the undersigned, where plans and specifications may be seen, on or before

12 o'clock Noon of the 26th Instant,
For the several works required in the erection of a dwelling in this city.

JAMES BALFOUR, Architect,
James and Main Sts., Hamilton.

SEALED TENDERS will be received at the office of the undersigned, on or before

THURSDAY, 27TH INST.,

For the following work and materials for the City of London for the ensuing year:

- LUMBER FOR REPAIRS, NAILS,
- STONE FOR PAVING, CEDAR BLOCKS FOR PAVING,
- GRAVEL, PLANK WALKS, SWEEPING, BLOCK PAVEMENT, ETC.

Specifications and forms of tender at the aforesaid office.

The lowest or any tender not necessarily accepted.

WM. JONES, THOS. H. TRACY,
Ch. No. 2 Com. City Engineer.

TO CONTRACTORS.

TENDERS

Will be received at the office of the undersigned until noon on Friday, February 28th, for the several works required in the erection of a building for the Dorset school, Toronto.

No tender necessarily accepted.

STRICKLAND & SYMONS, Architects,
18 Toronto St.



TO CARPENTERS AND BUILDERS.

TENDERS, addressed to the undersigned, will be received through registered post up to noon on THURSDAY, the 9th day of March next, for the erection of a Police Station on Ossington Avenue, on the lot adjoining the Fire Hall recently erected on that street.

Specification may be seen and all further information obtained upon application at the office of A. R. Denison, Esq., Architect, North of Scotland Chambers, No. 20 King Street West. Tenders must be accompanied by a cash deposit, or a marked cheque, payable to the order of the City Treasurer, for two and a half per cent. on all amounts over \$1,000, and for five per cent. on all amounts under \$1,000. Should any of the parties whose tenders are accepted fail to give satisfactory security for the due performance of the work, their deposits will be forfeited. The names of two responsible sureties must accompany each and every tender. The lowest or any tender not necessarily accepted.

FRANK MOSES,

Chairman Committee on Property.

City Clerk's Office, Toronto, Feb. 15, 1890.



TO BUILDERS AND CONTRACTORS.

TENDERS addressed to the undersigned will be received through registered post up to noon on THURSDAY, THE 9TH DAY OF MARCH NEXT, for the completion of the tower of the Cowan Avenue Fire Hall and certain other works in connection therewith, including slating, heating and concrete flooring.

Specifications may be seen and all further information obtained upon application at the office of A. R. Denison, Esq., Architect, North of Scotland Chambers, 20 King Street West.

Tenders must be accompanied by a cash deposit or a marked cheque, payable to the order of the City Treasurer, for two and a half per cent. on all amounts over \$1,000, and for five per cent. on all amounts under \$1,000. Should any of the parties whose tenders are accepted fail to give satisfactory security for the due performance of the work, their deposits will be forfeited. The names of two responsible sureties must accompany each and every tender.

The lowest or any tender not necessarily accepted.

FRANK MOSES,

Chairman Committee on Property.

City Clerk's Office, Toronto, Feb. 15, 1890.

Prices of Building Materials.

LUMBER.

CAR OR CARGO LOTS.	
1 1/2 and thicker clear picks, Am. ins.	\$30 00 @ 32 00
1 1/2 and thicker, three uppers, Am. ins.	27 00
1 1/2 and thicker, pickings, Am. ins.	27 00
1 x 10 and 12 dressing and better	18 00 20 00
1 x 10 and 12 mill run	13 00 14 00
1 x 10 and 12 dressing	14 00 16 00
1 x 10 and 12 common	12 00 13 00
1 x 10 and 12 spruce culls	10 00 11 00
1 x 10 and 12 maple culls	9 00
1 inch clear and picks	28 00 30 00
1 inch dressing and better	18 00 20 00
1 inch siding, mill run	14 00 15 00
1 inch siding, common	11 00 12 00
1 inch siding, ship culls	10 00 11 00
1 inch siding, mill culls	8 00 9 00
Cull scantling	8 00 9 00
1 1/2 and thicker cutting up plank	22 00 25 00
1 inch strips, 4 in. to 8 in. mill run	14 00 15 00
1 inch strips, common	11 00 12 00
1 1/2 inch flooring	14 00 15 00
1 1/2 inch flooring	14 00 16 00
XXX shingles, sawn	2 30 @ 2 35
XX shingles, sawn	1 30 1 35
Eastlake galvanized steel shingles, 24 W. G., per square	5 25
Eastlake galvanized steel shingles, 26 W. G., per square	5 00
Eastlake painted steel shingles, per sq.	4 00
Eastlake painted steel siding, per sq.	3 50
Manitoba galvanized steel siding, per square	4 50
Manitoba painted steel siding, per sq.	3 50
Special galvanized steel siding, per sq.	4 50
Special painted steel siding, per sq.	3 50
Imitation brick siding, per square	7 50

YARD QUOTATIONS.

Mill cull boards and scantling	10 00
Shipping cull boards, promiscuous widths	13 00
Shipping cull boards, stocks	14 00
Hemlock canting and joist up to 16 ft.	11 00 4 00
" " " " " "	18 " 12 00 13 00
" " " " " "	20 " 13 00 14 00
Scantling and joist, up to 16 ft.	14 00
" " " " " "	18 00
" " " " " "	20 00
" " " " " "	22 00
" " " " " "	24 00
" " " " " "	26 00
" " " " " "	28 00
" " " " " "	30 00
" " " " " "	32 00
" " " " " "	34 00
" " " " " "	36 00
" " " " " "	38 00
" " " " " "	40 to 44 ft. 35 00
Cutting up planks, 1 1/2 and thicker, dry board	25 00 26 00
Dressing stocks	18 00 22 00
Picks, American inspection	16 00 22 00
Three uppers, American inspection	40 00
Cedar for block paving, per cord	50 00
Cedar for Kerbing, 4 x 14, per M	5 00
" " " " " "	14 00
1 1/2 inch flooring, dressed, F. M.	28 00 32 00
1 1/2 inch flooring rough, B. M.	18 00 22 00
1 1/2 " " " " " "	25 00 28 00
" " " " " "	18 00 19 00
" " " " " "	18 00 22 00
" " " " " "	12 00 15 00
Beaded sheeting, dressed	22 00 35 00
Clapboarding, dressed	12 00
XXX sawn shingles, per M, 16 in.	2 65 2 75
Sawn lath	2 00 2 20
Red oak	30 00 40 00
White	15 00 45 00
Basswood, No. 1 and 2	18 00 20 00
Cherry, No. 1 and 2	70 00 70 00
White ash, No. 1 and 2	25 00 25 00
Black ash, No. 1 and 2	20 00 30 00