

The tests imposed on the contractors by the engineers of the Forth Bridge were as follows: Strips cut lengthwise or crosswise were to have an ultimate tensile strength of not less than 30 tons and not exceeding 33 tons per square inch of section, with an elongation of at least 20 per cent. in a length of 8 inches for all steel subject to tensile stresses, and of not less than 34 tons nor exceeding 37 tons, with an elongation of at least 17 per cent. for all steel subject only to compression. Strips cut crosswise or lengthwise 1 1/2 inches wide, heated uniformly to a low cherry red, and cooled in water of 82 deg. Fahrenheit, had to stand bending double in a press to a curve of which the inner radius is one and a half times the thickness of the steel tested.

TENDERS

Are invited for the erection of a PRESBYTERIAN CHURCH in the town of Beeton. Plans, etc. may be seen at Beeton or at the office of M. B. Aylsworth, architect, 53 King St. E., Toronto. Lowest or any tender not necessarily accepted. Address J. McPHERSON, Beeton, Ont.

TENDERS

received up to 12 o'clock, noon, APRIL 15TH, for the several works required in erecting residences on Madison Ave. Plans and specifications at the office of ROBERT OGILVIE, Architect, 93 Adelaide St. East, Toronto.

NOTICE TO CONTRACTORS.

Tenders will be received until SATURDAY, THE 19TH INST., at noon, for all the works required in the erection of an Episcopal Church at Williamsville. Plans and specifications may be seen at the office of the undersigned. The lowest or any tender not necessarily accepted. POWER & SONS, Architects, Lion Block, Kingston, Ont.

TO BUILDERS AND OTHERS.

Separate tenders will be received until TUESDAY, APRIL 15TH, for the erection of BONAR PRESBYTERIAN CHURCH On Lansdowne Avenue. The lowest or any tender not necessarily accepted. GEO. R. HARPER, Architect, 54 Church St., Toronto.



NOTICE TO CONTRACTORS.

Tenders will be received by registered post, addressed to the City Engineer, up to 12 o'clock noon of the 22ND DAY OF APRIL, 1890, for the construction of the following works, viz.: TRINIDAD ASPHALT PAVEMENTS On Sherbourne Street, from King Street to Queen Street; Ontario Street, from Carlton Street to Howard Street.

SCORIA BLOCK PAVEMENT.

The time for receiving tenders called for scoria block pavement on Sherbourne street from King Street to Queen street, to be received on the 8th April, is hereby extended to noon of the 22ND DAY OF APRIL, 1890. Plans can be seen, quantities and forms of tender obtained on and after Tuesday, the 15th day of April, at the City Engineer's office. A deposit in the form of a marked cheque, payable to the order of the City Treasurer, for the sum of 5 per cent. on the value of the work tendered for under \$1,000, and 2 1/2 per cent. over that amount, must accompany each and every tender, otherwise it will not be entertained. All tenders must bear the bona fide signatures of the contractor and his sureties (see specifications) or they will be ruled out as informal. The committee do not bind themselves to accept the lowest or any tender. JOHN SHAW, Chairman Committee on Works, Committee Rooms, Toronto, April 3rd, 1890.

TENDERS

Will be received for the erection of a **FACTORY AT MIMICO** For Thos. McDonald & Co. Plans and specifications can be seen at the office of the Mimico Land Security Co., 38 Toronto Street GIBSON & SIMPSON, Architects, 93 Adelaide St. East, Toronto

TENDERS FOR AN IRON BRIDGE ACROSS NATION RIVER AT CASSELMAN.

Sealed tenders will be received by the undersigned up to the 20TH OF MAY at two o'clock p.m., for the building of an Iron Bridge across Nation River at Casselman; bridge to be 320 feet in length; roadway 16 feet wide; cut stone piers; stone and lumber convenient to the work. Tenderers can tender on their own plan; two plans of the proposed bridge and specifications can be seen at my office at South Casselman; all tenders are subject to the approval of the County Council of Prescott & Russell at June session; work to be completed by the 1st of November next.

O. QUENNEVILLE,

Commissioner of the Proposed Bridge, South Casselman, April 11, 1890.



Toronto Water Works.

TENDERS FOR SUPPLIES.

Sealed Tenders, addressed to the undersigned and marked "Tender for Iron Pipe," or "Tender for Special Castings," etc., as the case may be, will be received by registered post only, at this office, up to 12 o'clock noon of

MONDAY, APRIL 21st, 1890,

for the supply of the following materials:—

- 4, 6, and 12 inch Cast Iron Pipe.
- Special Castings.
- 3, 4, 6, and 12 inch Valves.
- Pipe Laying.
- Hydrants.
- Pig Lead.
- Lead Pipe.
- Bar Iron and Steel.
- Brass Work.
- Brass Castings.
- Iron Stop Cock Boxes.
- Rubber Valves and Packing.
- Oak Valve Chamber Tops.
- General Stores.
- Lumber.
- Valve and Meter Chambers.
- Lubricating Oils.

Specifications and forms of tender may be obtained at the office of the Superintendent.

A deposit (cash or marked cheque) equal to 2 1/2 per cent. of the amount of the contract, must accompany each tender.

The lowest or any tender not necessarily accepted.

WM. J. HILL,

Chairman Committee on Water Works.

City Hall, Toronto, April 1st, 1890.



TENDERS.

Sealed tenders, addressed to the undersigned, and endorsed "Tender for Indian Supplies," will be received at this office up to noon of MONDAY, 21ST APRIL, 1890, for the delivery of Indian Supplies during the fiscal year ending 30th June, 1891, consisting of Flour, Beef, Bacon, Groceries, Ammunition, Twine, Agricultural Implements, Tools, etc., duty paid, at various points in Manitoba and the Northwest Territories.

Forms of tender, containing full particulars relative to the Supplies required, dates of delivery, &c., may be had by applying to the undersigned, or to the Indian Commissioner at Regina, or to the Indian Office, Winnipeg.

Parties may tender for each description of goods (or for any portion of each description of goods) separately or for all the goods called for in the Schedules, and the Department reserves to itself the right to reject the whole or any part of a tender.

Each tender must be accompanied by an accepted Cheque in favor of the Superintendent

General of Indian Affairs, on a Canadian Bank, for at least five per cent. of the amount of the tender, which will be forfeited if the party tendering declines to enter into a contract based on such tender when called upon to do so, or if he fails to complete the work contracted for. If the tender be not accepted the cheque will be returned.

Each tender must, in addition to the signature of the tenderer, be signed by two sureties acceptable to the Department for the proper performance of the contract based on his tender.

This advertisement is not to be inserted by any newspaper without the authority of the Queen's Printer, and no claim for payment by any newspaper not having had such authority will be admitted.

I. VAN KOUENET,

Deputy of the Superintendent-General of Indian Affairs.

Department of Indian Affairs, Ottawa, March 1890.

Prices of Building Materials.

LUMBER.

Item	Price
1 1/2 and thicker clear picks, Am. ins.	\$30 00 @ 32 00
1 1/2 and thicker, three uppers, Am. ins.	37 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.	27 00 25 00
1 inch strips, 4 in. to 6 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 15 00
XXX shingles, sawn.	2 30 @ 2 35
XX shingles, sawn.	1 30 1 35
Eastlake galvanized steel shingles, 24 W. C. per square.	6 00
Eastlake galvanized steel shingles, 26 W. C. per square.	5 50
Eastlake painted steel shingles, per sq.	4 00
Round pointed galvanized steel shingles, per sq.	6 00
Round pointed painted steel shingles.	4 25
Round pointed, unpainted, Terne tin shingles.	4 00
Manitoba galvanized steel siding, per square.	5 00
Manitoba painted steel siding, per sq.	3 50
Painted sheet steel pressed brick.	3 50
Painted corrugated steel sheeting.	3 40
Price of Copper shingles according to weight.	

YARD QUOTATIONS.

Mill cull boards and scantling.	10 00
Shipping cull boards, promiscuous widths.	13 00
Shipping cull boards, stocks.	14 00
Hemlock cantling and joist up to 16 ft.	11 00 12 00
" " " 18 "	12 00 13 00
" " " 20 "	13 00 14 00
Scantling and joist, up to 16 ft.	14 00
" " " 18 ft.	15 00
" " " 20 ft.	16 00
" " " 22 ft.	18 00
" " " 24 ft.	20 00
" " " 26 ft.	22 00
" " " 28 ft.	24 00
" " " 30 ft.	26 00
" " " 32 ft.	26 00
" " " 34 ft.	28 50
" " " 36 ft.	30 00
" " " 38 ft.	32 00
" " " 40 to 44 ft.	35 00
Cutting up planks, 1 1/2 and thicker, dry board.	25 00 26 00
Cedar for block paving, per cord.	18 00 22 00
Cedar for Kerbing, 4 x 14, per M.	5 00 14 00

R. M.

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 " " dressed, F. M.	25 00 28 00
1 1/2 " " undressed, B. M.	18 00 19 00
" " dressed	18 00 22 00
" " undressed	12 00 15 00
Beaded sheeting, dressed	27 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	35 00 45 00
Basswood, No. 1 and 2	18 00 20 05
Cherry, No. 1 and 2	70 00 70 00
White ash, No. 1 and 2	25 00 25 00
Black ash, No. 1 and 2	20 00 30 00
Dressing stocks.	16 00 22 00
Picks, American inspection	40 00
Three uppers, American inspection	50 00

BRICK—R. M.

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

Pressed Brick:

Plain brick, f. o. b. at Milton, per M.	\$18 00
" " " and quality, per M.	13 00
Ornamental brick, at Milton, per 100	\$3 to 10 00