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# CANADIAN CONTRACT RECORD

WEEKLY JOURNAL OF  
PUBLIC WORKS • TENDERS • ADVANCE INFORMATION • AND MUNICIPAL PROGRESS EVERY SATURDAY

Vol. 3. Toronto and Montreal, Canada, June 4, 1892. No. 17

**THE CANADIAN CONTRACT RECORD,**  
PUBLISHED EVERY SATURDAY  
As an Intermediate Edition of the "Canadian Architect and Builder."

Subscription price of "Canadian Architect and Builder (including Canadian Contract Record)" \$2 per annum, payable in advance  
**C. H. MORTIMER, Publisher,**  
14 KING ST. WEST, TORONTO, CANADA.  
Telephone 236.  
64 Temple Building, Montreal.  
Bell Telephone 229.

Information solicited from any part of the Dominion regarding contracts open to tender.

ADVERTISING RATES ON APPLICATION.

At its Convention held in Toronto, Nov. 20 and 21, 1889, the Ontario Association of Architects signified its approval of the CANADIAN CONTRACT RECORD, and pledged its members to use this journal as their medium of communication with contractors with respect to advertisements for Tenders.

The following resolution was unanimously adopted at the First Annual Meeting of the Province of Quebec Association of Architects, held in Montreal, Oct. 10th and 11th, 1890: "Moved by M. Perrault, seconded by A. F. Dunlop, that the Architects of the Province of Quebec now assembled in Convention being satisfied that the CANADIAN CONTRACT RECORD affords us a direct communication with the Contractors, -Resolved, that we pledge our support to it by using its columns when calling for Tenders."

Subscribers who may change their address should give prompt notice of same. In doing so, give both old and new address. Notify the publisher of any irregularity in delivery of paper.

## FOR SALE OR TO RENT.

Gas and Water Pipe Foundry (vertical). Capacity 15 tons per day, fully equipped. Valuable franchise of free water and taxes in connection. For particulars apply to  
**ST. THOMAS PIPE & FOUNDRY CO., LTD.,**  
ST. THOMAS, ONT.

## TOWN OF PORTAGE LA PRAIRIE.

### Tenders for Block Paving Wanted.

Sealed tenders marked "Tenders for Block Paving" will be received up to 12 O'CLOCK ON WEDNESDAY, JUNE 15TH, 1892, for grading, curbing and paving with cedar or tamarac blocks on Saskatchewan Avenue, from Main to Anne Streets. The estimated quantities are approximately:

- Grading, 8,000 cubic yards.
- Curbing, 6,000 lineal feet.
- Drains, 3,200 feet B. M.
- Paving, 15,000 square yards.

Plans and specifications can be seen at the Secretary-Treasurer's office in the Town Hall at Portage la Prairie on and after May 30th inst.

Each tender must be accompanied by a certified cheque on a chartered bank for 2 per cent. of the total bid, payable to the order of the Treasurer of the Town of Portage la Prairie, as a guarantee for the performance of the work. All cheques except that of the successful bidder will be returned to the persons depositing them within three days after the contract is awarded.

The right is reserved to reject any or all tenders or to waive any informality in a tender if it is deemed in the interests of the town to do so.

Tenders must be addressed to the undersigned.  
By order of the Council.

**F. A. WHITAKER,**  
Secretary-Treasurer.

Portage la Prairie, Man., May 20th, 1892.

## Notice to Contractors

Tenders will be received by registered post addressed to the City Engineer, Toronto, up to Eleven o'clock a.m. on TUESDAY, 14TH JUNE, 1892, for the following work:

### ASPHALT PAVEMENT

On Victoria Street, from King Street to Adelaide Street.

Plans can be seen and forms of tender obtained at the City Engineer's office on and after Tuesday, May 31st, 1892.

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. on the value of the work tendered for 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 Room, Toronto, May 27, 1892.



## NOTICE TO CONTRACTORS.

### Proposed New Roadways.

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up to Eleven o'clock a.m. on TUESDAY, JUNE 14TH, for the following works:

King street, from Simcoe street to Rathurst street, asphalt and scoria tooting on concrete foundation.

King street, from Bathurst street to Strachan avenue, six inches of concrete under track allowance.

Yonge street from Bloor street to the C. P. R., cedar block with granite tooting and cobble stone, on concrete foundation.

Queen street, from Yonge street to Bathurst street, asphalt with scoria tooting, on concrete foundation.

Queen street, from Rathurst street to Gladstone avenue, cedar block, with granite tooting and cobble stone, on concrete foundation.

Queen street, from Gladstone avenue to Roncesvalles avenue, cedar block with granite tooting and cobble stone on concrete foundation.

The above work is to be done on the track allowance on the streets named.

Plans can be seen and terms of tender obtained at the City Engineer's Office on and after Tuesday, June 7th, 1892.

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. on the value of the work tendered for 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 of Committee on Works.  
Committee Room, Toronto, June 1st, 1892.

## TO BUILDERS.

About 550 worth of Stained Glass to be made up to order, for sale at a discount. Address "Stained Glass," care CANADIAN CONTRACT RECORD.

## TENDERS WANTED.

Tenders will be received at the office of the undersigned until 12 o'clock of the 8th inst., 1892 for the stone work only of Two Tenements on St. Denis Street. The lowest or any tender will not necessarily be accepted.

**THEO. DAoust,** Architect,  
162 St. James Street, Montreal

## COURT HOUSE FURNISHINGS

Manufacturers of Furniture, including Office Chairs, Tables, Councilors' Desks, Office Fixtures, Desks, Opera Chairs, Book Cases, Mantels, &c., &c., suitable for Court Room, Council Chamber, and the offices connected therewith are requested to mail catalogues and price lists of the same to

**JAMES WHITE** County Clerk,  
Woodstock, Ont.

## CITY OF WINNIPEG.

### To Sewer Contractors.

Sealed tenders marked "Tenders for Sewers," addressed to the undersigned for the construction of certain sewers will be received at the office of J. A. Platt Clerk of Committees, Winnipeg, up to TWELVE O'CLOCK, NOON, ON MONDAY, 13TH JUNE.

Plans and specifications can be seen and forms of tender obtained at the office of the CANADIAN CONTRACT RECORD, 14 King Street West, Toronto.

Each tender must be accompanied by a marked cheque payable to the order of the City Treasurer for the sum called for in form of tender supplied, which will be subject to forfeiture in case of failure to sign contract when called upon to do so with sureties. The lowest or any tender not necessarily accepted.

**J. W. COCKBURN,**  
Chairman Committee on Works,  
Winnipeg, May 31st, 1892.

## CITY PUBLIC SCHOOLS.

### TO BUILDERS AND CONTRACTORS.

Tenders are requested for the usual mid-summer repairs at the several Schools including Masonry, Carpentering, Painting, Plumbing &c. Plans and specifications may be seen and all information obtained at the office of Mr. C. H. Bishop Supt. of Buildings.

Tenders on forms to be supplied by the Supt. of Buildings, are to be delivered at the office of the Secretary-Treasurer of the Public School Board, on or before

**Friday Noon, June 10th, 1892.**

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

**WM. MCPADDEN,** Chairman of Committee.  
**W. C. WILKINSON,** Sec.-Treas.

## TENDERS WANTED.

Tenders will be received at the office of the undersigned until the 11th inst., 1892, for all trades required in the erection of Four Cut Stone Front House on St. Denis Street, Montreal. The lowest or any tender will not necessarily be accepted. Contractors will be required to furnish satisfactory evidence of their ability, financial and other wise, to properly execute the work.

**H. ROBI. FAIBORD,** Architect,  
7 Place D'Armes, Montreal

## NOTICE.

Tenders will be received for all trades in connection with the erection of a pair of semi detached house on St. Joseph Street.

Plans and specifications may be seen at the office of DARLING CURRY SPROATT & PEARSON, Mail Building on and after Wednesday, the 8th June



## Notice to Contractors

Tenders will be received by registered post addressed to the City Engineer, Toronto, up to Eleven o'clock a.m. of the 14TH DAY OF JUNE

### SUPPLY OF BRICKS

for the year ending June 30th, 1893

Specifications and forms of tender may be obtained on and after Monday, June 6th, 1892, at the office of the City Engineer

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. on the value of the work tendered for 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 Room, Toronto, June 2nd, 1892

## A METHOD OF PRESERVING WOOD.

The Scientific American, answering a query of the best way to preserve oak posts from rotting when in the ground, says: "The cheapest process for preserving posts, and probably the best, is to soak the ends in a nearly saturated solution of sulphate of iron (1 1/2 lb of the crystal sulphate to 1 gallon of water, for 24 hours. The most convenient arrangement for this work is to use a tight hog-head with one head out, set it on end and pour the solution in, about 6 inches deep, then fill the hog-head with the posts. Repeat the operation each day, until the required number of posts are treated. The setting can commence at once. Oak timber treated in this manner is known to have lasted 30 years in damp mines, where two years is its life without treatment. If the posts are pointed, the solution should be made deeper than 6 inches, so that when the hog-head is filled with posts the solution will rise to two feet in depth."

## CONTRACTS OPEN.

**MALOG, QUE.**—Extensive additions will be made to the print works shortly.

**STAFFA, ONT.**—The Foresters of this place are talking of erecting a new hall.

**YARKEE, ONT.**—The Bay of Quinte Railway will build a new station at this place.

**ST. GEORGE, N. B.**—A new steel bridge is to be built across the Magaguadavic river.

**EDMONTON, N. W. T.**—The Methodist congregation have decided to erect a new church.

**HESPERIA, ONT.**—A site has been secured for a new church for the Church of England mission.

**TRURO, N. S.**—A large new building is to be erected on the Esplanade, to be used as an hotel.

**RENFREW, ONT.**—Messrs. Logan Bros. have decided to rebuild their woollen factory recently destroyed by fire.

**STRATHALLEN, ONT.**—The cheese factory at this place which was recently destroyed by fire, will be rebuilt, at a cost of \$30,000.

**VICTORIA, B. C.**—The funds for the proposed new Board of Trade building have all been subscribed with the exception of \$2,800.

**INTERNATIONAL BRIDGE, ONT.** The Presbyterian congregation have decided to proceed with the erection of their church building this summer. Rev. Mr. Robertson, Pastor.

**FORT WILLIAM, O. T.**—Mr. I. J. Walsh will erect a new dwelling on Dease street.—Mr. R. Smith, of the Hotel Fort William, intends erecting an addition to the hotel.

**NESBITT, MAN.**—Tenders will shortly be called for the erection of a new Presbyterian church.—The Lake of the Woods Milling Company will build a large elevator here this summer.

**SYDENHAM, ONT.**—The by-law to grant a bonus to the Bay of Quinte Railway Company for the extension of their line to this village has been carried by the ratepayers of Loughboro' township.

**TORONTO JUNCTION, ONT.**—Mr. Barr, manager of the City and Suburban Street Railway Company, is considering the erection of a large power house for the purpose of supplying power to manufacturers.

**WALKERVILLE, ONT.**—Mr. C. C. Young, Secretary of Committee, will receive tenders until Monday, the 20th inst., for the erection of a brick Methodist church in this town. Plans at Mr. J. A. Grosscup's Windsor.

**SARNIA, ONT.**—A number of Lake Superior capitalists contemplate the erection of a pipe foundry in this town for the manufacture of cast iron and street and gas pipes. The capital stock of the company is \$150,000.

**ERIE, ONT.**—The Erie Glass Company has been organized with a capital stock of \$100,000. As soon as a charter is obtained, work will be commenced on the erection of a building suitable for the purposes of the company.

**ARNDRIOR, ONT.**—The by-law authorizing the corporation to take \$30,000 worth of stock in the Ottawa and Parry Sound Railway has been carried by the ratepayers, and it is stated that the construction of the road will be commenced at once.

**GUELPH, ONT.**—The Board of Education will receive tenders until Thursday, the 8th inst., for the painters' and glaziers' work required at the Collegiate Institute and public schools. Specifications may be seen at the office of John Day, architect.

**OTTAWA, ONT.**—Messrs. W. B. Nesbitt, S. H. Jones, F. Crompton and others of Toronto, are seeking incorporation as the Winnipeg and Atlantic Railway Company for the purpose of building a railway from Winnipeg eastward to the Bay of Seven Islands Quebec.

**LATHAM, ONT.**—Mr. J. L. Wilson has prepared plans for a new Presbyterian church to be erected by the congregation of Bridge End. The estimated cost is \$3,000.—The town council have decided to submit a by-law to the ratepayers to provide the sum of \$70,000 for the construction of a trunk sewer.

**PRESCOTT, ONT.**—A deputation recently visited Montreal for the purpose of interviewing the Canadian Pacific and Grand Trunk railway com-

panies regarding the erection of a grain elevator at this place. The managers of the companies expressed themselves as favorable to the project, and it is thought its erection will be secured.

**LONDON, ONT.**—McBride, Jones & Farncombe, architects, want tenders until noon to-day (Saturday) for the erection of a double brick dwelling on Central avenue for Mr. E. Shea.—Mr. J. M. Moore, C. E., of this city, has prepared plans for a new Methodist church at Granton.—It has been decided to erect a new building on the site of the First Congregational church, corner of Park and Dufferin avenues.

**MONTREAL, QUE.**—Mr. J. O. A. Laforest will receive applications until Tuesday, the 7th inst., for the position of Superintendent of Waterworks.—Mr. J. E. Vauier, C. E., has prepared plans for sewerage and waterworks system for the municipality of St. Lambert.—The Road Committee have recommended the construction of sewers on Butler avenue, to cost \$5,400, and on Notre Dame street east, cost \$8,500.—J. A. P. Bulman, architect, is preparing plans for 13 tenement houses and alterations on St. Catharine street, also for two small stores.—A. Gendron, architect, is preparing plans for four houses on Mountain street for Geo. Bishop, two stores and dwelling house in rear on Bleury street for Estate Durand, and also for two other houses.—Taylor & Gordon, architects, are calling for tenders for additions on Dorchester street. Tenders will shortly be asked for addition to the art gallery, Phillips Square, also for additions to the Boys Home, Mountain street, Messrs. Taylor & Gordon, architects.

**TORONTO, ONT.**—Mr. C. H. Mallory, 65½ Adelaide street East, has prepared plans for six detached and one attached residence to be erected on Bloor street west for Mr. Styles.—Mr. J. F. Hill, of Weston, intends to erect a residence on King street west, in this city.—The ratepayers will be asked to vote on a by-law authorizing the Industrial Exhibition Association, to issue debentures to the amount of \$150,000 for the purpose of erecting a grand stand, laying out a new horse ring, and other necessary improvements to the exhibition buildings. Plans are now being prepared by Mr. Mark Hall of Victoria street for the grand stand, which will cost \$50,000.—The City Council have decided to submit a by-law to the ratepayers providing for the raising of funds for widening and improving the Queen street subway.—Messrs. Hughes Bros. will enlarge the pavilion at Island Park.—Messrs. M. Banting & Co., 101 Bay street, want tenders for the erection of a house on Dunn avenue.—The congregation of the Northern Congregational Church on Church street have decided to rebuild their school rooms and re-fit the church edifice. Plans have already been approved of, and the work will be proceeded with at once. Rev. John Burton, pastor.—The Provincial Board of Health have recommended that the Local Board be directed to take steps to place Ashbridges Bay in a sanitary condition by the construction of a channel through the marsh, the dredging of an eastern outlet, and the continuation of the sewers into deep water.—The Public School Board, at a meeting held on Thursday evening last, decided to advertise for tenders for the erection of a four roomed school in Mabel street and the enlargement of the board room and inspector's office.—The congregation of St. Andrew's Church, corner of King and Simcoe streets are considering the removal of the church from the present site to one further north. The committee appointed have recommended in favor of a site in the neighborhood of Queen's Park.—The City Engineer has recommended the construction of the following works: Cedar block pavements on O'Hara ave., Evans ave., Montague Pl.; on Shaw st., from College to Bloor st., cost \$9,100; asphalt pavements on Rose ave., from Howard to Winchester st., cost \$26,700. Devonshire Pl., cost \$16,860, and on Parliament st., from Carlton to Winchester st., cost \$9,468, cobble stone pavements on lane between Tecumseth and Niagara sts., cost \$1,924; sewer on lane north of Queen st., cost \$920, on Roseberry ave., cost \$567, on Liberty st., cost \$571.—Mr. Weir, of 783 Yonge st., is about to erect 3 stores on his property north of 846 Yonge st.—The following building permits have been granted: D. Campbell, three det. bk. and stone, 2-story &

attic dwellings, w side Gordon ave., n. of Dale ave., cost \$15,000; Jas. Skyes, 14 Augusta ave., alterations at 41-43 Hayden st., cost \$1,000; H. D. Warren, 2-story bk. add. to 95 Wellesley st., cost \$3,000; Anderson & Sproule, 67 Cecil st., five att. 2-story & attic bk. dwellings, n. side of Irwin ave., w. of Yonge st., cost \$15,000. C. S. Rathbone, 187 St. Clarens ave., three pr. 2-story & attic bk. dwellings, n. of 187 St. Clarens ave., cost \$12,000; M. McMullen, pr. s. d. 2-story & attic bk. dwellings, s. side College st., 200 ft. e. of Brock ave., cost \$4,000. W. H. Hannah, 1 Napier st., pr. s. d. 2-story b. f. dwellings, e. side Wardell st., opp. De Grass st., cost \$1,800; O'Keefe & Co., bk. add. & alterations to brewery, n. w. cor. Gould & Victoria sts., cost \$33,000; Scott & Wright, Black Horse Hotel, two det. 2-story and attic bk. dwellings, n. side King st., w. of Wilson ave., cost \$4,000, McAllie & Newman, three s. d. 2-story & attic bk. dwellings, w. side Close ave., cor. Springhurst ave., cost \$10,800.

## FIRES.

The steam roller mill at Stevensville, Ont., owned by Mr. A. Beemer, was totally destroyed by fire recently. Loss, about \$4,500; insurance, \$2,000.—The saw, shingle and lath mill of W. J. & H. W. Fowlds, of Hastings, Ont., was burned on Monday last. Loss, between \$8,000 and \$10,000; insurance, \$3,000.—A brick cottage at Listowel, Ont., owned by John Thompson, was destroyed by fire recently. Insurance \$500.—The residence of Maurice Marshall, Grandstone Island, Que., was burned on Friday last. Insurance, \$500.—The asbestos factory of Mr. B. Berry, on St. Valer St. Palais street, Quebec, was badly damaged by fire recently, the whole of the machinery being destroyed. Insurance, \$4,000.—Tait's saw mill at Onllia, Ont., was burned on Wednesday last. Loss, \$3,500.—Saylor's block at Trenton, Ont., was destroyed by fire on Monday last. Loss \$5,000; insurance, \$900.

## CONTRACTS AWARDED.

**KNOWLTON, QUE.**—The contract for slating the new church has been awarded to Messrs. Draper & Co., of Sutton.

**PETERBORO, ONT.**—Mr. Robt. Chikseale has been awarded the contract for the new addition to St. Andrew's church.

**GUELPH, ONT.**—The Board of Works have recommended that the contract for concrete paving be awarded to Mr. A. McQuillan.

**STRATFORD, ONT.**—The Stratford Iron & Bridge Co. has received the contract to erect a 54 foot bridge over Fish Creek in Blanshard Township. The superstructure will be of steel.

**BETHEL, ONT.**—The contract for the erection of the new Methodist church has been awarded to Messrs. Hume & Marwick, whose tender was \$4,600.

**REGINA, N. W. T.**—The Council received the following tenders for sewer extension: W. Henderson, \$3,050. Mr. Dodge, \$4,425. Chas. Willoughby, \$3,461, to whom the contract was awarded.

**KINGSTON, ONT.**—The Public School Board have accepted the following tenders for the erection of the new public school building: A. Newlands, masonry, \$7,955. B. Asselstine, carpenter work, \$5,100. Elliott Bros., tin-smithing and plumbing, \$1,577. Robinson Bros. painting \$915.

**PARRY SOUND, ONT.**—The following tenders were received for the construction of the water-works: J. H. Armstrong, Toronto, \$25,393; L. Gan & McAllister, Parry Sound, \$25,900. McQuillan & Co., Toronto, \$26,622.80. Garson & Purser, St. Catharines, \$26,800. Lindsay & Burdette, Collingwood, \$28,000. J. Farley, Toronto, \$30,383. The tender of J. H. Armstrong has been accepted by the Council.

**SARNIA, ONT.**—The contract for the carpenter work of Mr. Geo. S. Samis' new residence on Christina street has been awarded to Messrs. J. Lawrence & Son.—Contracts have been let as follows for a residence on Queen street for Mrs. D. Mackenzie. Mason work, Wm. Ellis, carpenter work, Jacob Lawrence & Sons; plastering, J. M. Jenkins, painting, H. Yard & Son; plumbing, Alex. Joss, unwork and furnace, J. Mahony.

**MONTREAL, QUE.**—Mr. J. A. P. Bulman, architect, has awarded contracts as follows for a residence on Dorchester street for Mr. G. Conroy Mason, Geo. Morrison & Co., bricklayer A. Gauthier, carpenter, R. Neville. Other trade not let.—The Water Committee of the City Council have awarded tenders as follows: Canada Pipe Company, 2800 tons of water pipes, at \$37 per ton; Garth & Co., 2,500 pounds of brass castings, at 1½ cents per pound, W. C. White, pig lead, at \$64.90 per ton; Thos. Robertson & Co., tin and copper. The contract for 850 tons of iron castings was divided between the Canada Pipe Company and P. Amasse, at \$50 per ton.

**TORONTO, ONT.**—The Board of Directors of the Toronto Athletic Club have accepted the following tenders for the completion of their building: masonry, Oakley & Holmes, carpenter work, Mr. Onderkirk; plastering, A. H. Rundle, steam fitting and heating, Bennett & Wright, copper and galvanized iron, Douglas Bros., sheeting and tiling, Mr. Hudson, Messrs. Rice Lewis & Son, hardware merchants of this city, have been awarded the contract for the supply of builder's hardware for the new Parliament buildings. The Board of Works have accepted the following tenders: Sewer on Emerson avenue, Smith & Wilson, \$2,516; on St. Clarens avenue, J. J. Booth, \$5,600; Rosedale road J. J. Booth, \$439; Tyndal avenue, \$247; Glen road, \$24; Roxborough street, \$727; J. Farley, Pine Hill road, W. H. Cathro, \$347. Scarce block paving lane off Jordan street to J. J. Booth \$751. Cobble pavement on lane near York street, J. Farley, \$880; Cedar block pavement Prince street, \$253.

## TO CORRESPONDENTS.

The editor of the CANADIAN ARCHITECT AND BUILDER has received a communication signed "Lux," which cannot be published until the author forwards his name and address as a guarantee of his *bona fides*.

## MUNICIPAL DEPARTMENT.

## LEGAL DECISIONS AFFECTING MUNICIPALITIES.

An interesting arbitration has just taken place at the Law Courts says the *Bulletin Reporter* which occupied five days in hearing, before Professor Henry Robinson, M.Inst. C. E., between Messrs. S. H. Johnson & Co., of Stratford, and the Hornsey Local Board, in connection with the payment for certain sewage works. The Board's engineer (Mr. T. de Courcy Meade, M.Inst. C.E.) refused to certify for the final payment for the machinery on the ground that it did not work to his satisfaction. The Board finally removed the machinery and replaced with other machinery of another firm. Messrs. Johnson sued for the balance (10 per cent.) and the Board counterclaimed for difference in cost between machinery removed and that substituted. Mr. Meade gave evidence in support of the Board's case, and his views were confirmed by Mr. Santo Crimp, M.Inst. C.E., District Engineer of the London County Council, Mr. G. R. Strachan, Assoc. M.Inst. C.E., of Westminster, and Mr. William Warner, of the firm of Goddard, Massey & Warner, who erected the substituted machinery. On behalf of Messrs. Johnson, evidence was given by Mr. S. H. Johnson, and Mr. Hutchinson, member of the firm, Mr. J. C. Melliss, Assoc. M.Inst. C.E., and by several of the men in the employ of Messrs. Johnson. Professor Robinson has now issued his award, which directs the Local Board to pay to Messrs. Johnson the sum of 36l. 17s. 6d. for a screen which was not included in the contract, the Board not to pay Messrs. Johnson the balance on the contract amount, and Messrs. Johnson to pay to the Board 150% as damages and also to bear the costs of the award.

**MUNICIPAL ENGINEERS, CONTRACTORS, AND MATERIALS.**

**A NOVEL IDEA.**

The Health Department of Milwaukee has had a disinfecting service in operation over three months. Its principal feature is a large disinfecting chamber mounted on wheels and resembling a furniture mover's van. This chamber is lined with iron, and between the lining and the wooden covering of the chamber is a non-conducting material. A small steam launch boiler, using oil fuel, is placed in one corner of the van, and steam radiating pipes are extended from it over the walls and floor of the chamber. The radiating surface is sufficient to heat the interior of the chamber to a temperature of 250 F. When a case of contagious disease occurs, the disinfecting van is driven to the house, and carpets, clothing, furniture or any other portable articles, which may have been infected, are placed in the chamber and kept hot sufficiently long to insure the killing of all germs. At the same time the interior of the infected rooms is fumigated, and other sanitary precautions are taken. The apparatus is inexpensive, and seems to accomplish its purpose much better than the ordinary disinfecting station, to which articles are carried for treatment.

**THE LOWEST TENDER.**

Among contractors and local authorities this question occupies the same position as that of the weather with the general public. It is always to the front, always interesting, and always personal. Most contractors wax very wroth when their tender is lowest and they are for some reason or other—the reason being mostly of an inexplicable nature—passed over. It has been left for the Whitechapel authorities to suggest the latest remedy in order to avoid offence. The proposition is in the first place to ascertain the persons willing to tender, and then to weed out objectionable names by not supplying the specification of work to be done. It seems to us that such a scheme is practically unworkable, that offence would be given by withholding specifications just as offence may now be given by passing over the lowest tender. Besides, although many a person might be willing to tender in the abstract, he might not be so willing to tender on seeing the specification. Often and often a specification details requirements which are subjected to patent rights, and the manufacture of apparatus that is also so subject or is a speciality of a particular firm; hence the tender of the controlling firm is the only one likely to be accepted, and other firms save the trouble and expense of preparing a tender. Of course there are scores of cases where the work required is perfectly open to every tradesman pursuing that industry, and the points we have mentioned would therefore not count, but it is always wise to see the exceptions possible before laying down a hard and fast rule. Although there are numerous difficulties to be met in free and opening tendering, we are pretty well convinced that the system is the best for all public bodies to adopt. Contractors are, after all, but human, and have to allow for the eccentricities of some strange decisions as to lowest or other tender. Thus Messrs. Jones and Fismaurice, of Birmingham, have been asking the Leamington Town Council why their tender was passed in favour of

another £70 higher. During the discussion one of the councillors remarked that it would be more respectable, when it was not intended to accept the lowest tender, if it was from an outsider, if the following were put at the bottom of the advertisement: "The tender of no stranger will be entertained."—*Contract Journal.*

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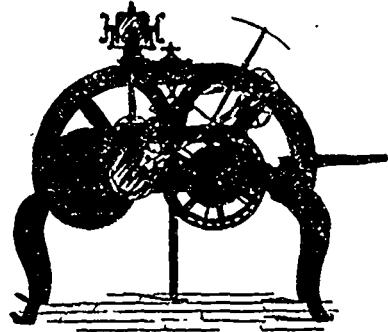
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Table listing additional building materials and their prices for Toronto and Montreal, including items like iron pipes, masonry, and various types of iron.

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Large index table listing various advertisements and their corresponding page numbers, categorized by profession such as Architects, Engineers, and Contractors.