

The question will now be submitted to arbitration.

The Pacific Cable Board announced recently that the deficit on the working of the all British trans-Pacific cable for the year was \$440,000. The Board has set aside £35,500 towards a renewal fund and other purposes, so that the deficit for the actual operation of the cable is not so large as it would at first appear. Sir W. Mulock, M.P., has been appointed by the Dominion Government a member of a commission to settle some complications between the partners in regard to the cable.

The following sums were voted at the recent session of the Dominion Parliament in aid of the Government telegraph service, in addition to the amounts given in our last issue: Deer Island and Eastport, Me., \$2,800; Quebec, Magdalene Islands and Anticosti Island lines, \$17,232. Pelee Island cable connection with mainland, \$4,800, and repairs, \$1,150. Northwest Territories: Lloydminster line, \$4,500; Athabaska Landing and Willowbunch extensions, \$6,400. B.C. lines: Ashcroft-Dawson line, balance of construction, \$5,513.38. The following amounts were voted on account of collection of revenue: Prince Edward Island and mainland, \$1,600; land and cable lines, lower St. Lawrence and Maritime Provinces, \$69,000; Northwest Territories, \$16,000; British Columbia, \$14,000; Ashcroft-Dawson line, \$160,400; telegraph service generally, \$2,000.

General Telephone Matters.

The Independent Telephone Co., of Chicago, Ill., is looking for a site for a factory in Canada, and has received an offer of one at Windsor, Ont.

The Union Telephone Co. has extended its lines from Woodstock to Hawkshaw and Canterbury, N.B., and has also constructed a short branch to East Knowlesville.

A committee of the London, Ont., city council has decided to recommend the granting of a five years' exclusive franchise to the Bell Telephone Co., to date from Dec., 1903.

The Bell Telephone Co.'s instruments have been removed from stations on the Buffalo division of the Pere Marquette Rd., owing to some differences between the two companies.

The Bell Telephone Co. has added 25 new subscribers to its Kingston, Ont., exchange during the summer and has replaced 200 of its old instruments with long distance equipment.

During a thunderstorm, Aug. 16, the telephone systems at Greenwood and Brougham, Ont., were much damaged, nearly a mile of posts and wire being destroyed near the latter place.

C.P.R. officials are reported to have been visiting Morden, Man., recently with a view of establishing a long distance telephone line to have connection with the local telephone exchange.

The Antigonish and Sherbrooke Telephone Co. (Ltd.) has installed an exchange at New Glasgow, N.S., through which connection is given with the long distance lines of the Nova Scotia Telephone Co.

The Toronto City Council is inviting tenders for a telephone system in the city upon the terms recently adopted. Tenders accompanied by a marked cheque for \$5,000 will be received up to Oct. 1.

The Kent Electric Co. is establishing telephone lines from Richibucto to Rexton, Bouchette, Harcourt and other points in Kent county, N.B., and along the line of the Kent Northern Ry. to Kent Junction.

The Bell Telephone Co. has practically completed the installation of its new switch-

board at Hamilton, Ont., and expects to begin putting in the new instruments, called for in its contract with the city, early in Sept.

A Peterborough, Ont., report states that the Canadian Machine Telephone Co. has completed its plans for its telephone system of 2,000 instruments in that place and expects to let a contract for the conduit work at an early date.

A Danish electrical engineer has invented an attachment for the telephone by which messages received during the absence of the subscriber from his office can be recorded and reproduced at desire. The new instrument is called the telegraphophone.

La Compagnie de Telephone de Portneuf has filed a declaration at Quebec that it was duly incorporated at Quebec under the Companies' Act of the province June 23, 1903. Rev. J. G. McCrae, of St. Casimer, is President, and the offices are at St. Casimer, Que.

The board of arbitrators which was appointed to determine as to the validity of a patent for an automatic telephone switchboard, has decided that the application for a Canadian patent of J. H. and H. G. Lorimer has priority of those of E. A. Falton and J. W. Chisholm, and R. Callendar.

The Bell Telephone Co. is completing a large annex to its present main offices at the corner of St. John and Notre Dame streets, Montreal, in which a central energy switchboard is being installed. The switchboard will have a capacity for 10,000 subscribers, the capacity of the present one being 4,800.

H. W. Kent, of the New Westminster and Burrard Inlet Telephone Co., recently completed a trip over the proposed route of an additional telephone line to give connection between Vancouver and Victoria, B.C. The route just gone over was via Bellingham. A decision is expected to be reached as to the construction of the line at an early date.

The Judicial Committee of the Privy Council, London, Eng., has reserved judgment in the action of the Toronto City Council against the Bell Telephone Co. The question in dispute is as to the rights of the Bell Telephone Co. to use the city streets without the consent of the council. In the judgment in the Court of Appeal at Ottawa, the contention of the company was upheld.

The telephone line along the Temiskaming and Northern Ontario Ry. from North Bay to New Liskeard, Ont., has been completed, and a local line has been completed between Hailbury and New Liskeard, by the settlers. Local exchanges are being installed in the two places. The line along the railway is being utilized for operating the train service on the line as well as for other purposes.

The Chicago Telephone Supply Co. has offered to install a municipal system in Brantford, Ont., for \$37,500, and will supply new and modern instruments free of charge to users of the Bell Telephone Co.'s instruments, until contracts with that company expire. The telephone committee of the Brantford, Ont., city council has issued a circular inviting citizens to indicate a readiness to become subscribers to a municipal telephone system. The rates will be for business telephones \$25 a year, and for private telephones \$15 a year.

The Brantford, Ont., city corporation has before it offers or suggestions for a telephone service from the Bell Telephone Co.; the Canadian Machine Telephone Co., Toronto; the Stark Electrical System, Toronto, in addition to a number of U.S. companies which offer to supply instruments for a municipal system. It is estimated that the cost of establishing a suitable municipal exchange would be \$37,500, and the cost of maintaining it \$9,000 a year. The estimated earnings were placed at \$10,000 in addition to effecting a saving of \$3,750 a year for the subscribers.

PURCHASING AGENTS' GUIDE.

(Continued from third page of Cover.)

Locomotives (Steam)	
Lima Locomotive and Machine Co.	Lima, Ohio.
Locomotive and Machine Co. of Montreal	
The Saxon Engine Works, Chemnitz, Germany.	
Machinery, Mining	
The Bertram Engine Works Co.	Toronto
Machine Tools	
W. Abbott.	Montreal.
The Saxon Engine Works, Chemnitz, Germany.	
Machinery Repairs	
The Bertram Engine Works Co.	Toronto.
Manganese Steel Castings	
Montreal Steel Works.	Montreal.
Manhole Frames and Covers	
American Brake Shoe & Foundry Co.	Mahwah, N.J.
Matches	
The Hudson's Bay Company.	
Mats and Matting	
The Gutta Percha & Rubber Mfg. Co. of Toronto.	
Mechanical Draft Fans	
Babcock & Wilcox (Ltd.).	Montreal.
Millpost Numbers	
Acton Burrows Co.	Toronto.
Milling Cutters	
W. Abbott.	Montreal.
Milling Machines	
The John Bertram Sons Co.	Dundas, Ont.
Mills, Boring and Turning	
The John Bertram Sons Co.	Dundas, Ont.
Mohair	
The Hudson's Bay Company.	
Numbers	
Acton Burrows Co.	Toronto.
Nuts, Square and Hexagon	
Canada Foundry Co.	Toronto.
Toronto Bolt and Forging Co.	Toronto.
Oakum	
Rice Lewis & Son.	Toronto.
The Hudson's Bay Company.	
Oils	
Galena-Signal Oil Co.	Franklin, Pa., & Toronto.
The Queen City Oil Company.	Toronto.
Office Signs	
Acton Burrows Co.	Toronto.
Packing	
The N. L. Piper Railway Supply Co.	Toronto.
Packing, High Pressure Sheet	
The Gutta Percha & Rubber Mfg. Co. of Toronto.	
Packing, Piston	
The Gutta Percha & Rubber Mfg. Co. of Toronto.	
Pinch Bars	
The N. L. Piper Railway Supply Co.	Toronto.
Pipe Covering	
The James Morrison Brass Mfg. Co.	Toronto.
Mica Boiler Covering Co.	Montreal.
Planers	
The John Bertram Sons Co.	Dundas, Ont.
Plushes	
The Hudson's Bay Company.	
Porter	
E. L. Drewry.	Winnipeg.
Portable Boilers	
Babcock & Wilcox (Ltd.).	Montreal.
Canada Foundry Co.	Toronto.
Printing	
The Hunter, Rose Co.	Toronto.
The Mail Job Printing Company.	Toronto.
Pumps	
Canada Foundry Co.	Toronto.
Rice Lewis & Son.	Toronto.
Punching and Shearing Machines	
The John Bertram Sons Co.	Dundas, Ont.
Rail Benders, Roller	
Montreal Steel Works.	Montreal.
Railway Supplies	
The N. L. Piper Railway Supply Co.	Toronto.
Rails (New)	
Drummond, McCall & Co.	Montreal.
F. H. Hopkins & Co.	Montreal.
J. J. Gartshore.	Toronto.
W. H. C. Mussen & Co.	Montreal.
Rails (for relaying)	
F. H. Hopkins & Co.	Montreal.
J. J. Gartshore.	Toronto.
T. A. Morrison & Co.	Montreal.
W. H. C. Mussen & Co.	Montreal.
Rice Lewis & Son.	Toronto.
Jas. W. Pyke & Co.	Montreal.
Reamers	
W. Abbott.	Montreal.
Ribbons and Carbon Paper	
United Typewriter Co.	Toronto.
Rivets, Boiler and Bridge	
Canada Foundry Co.	Toronto.
Toronto Bolt and Forging Co.	Toronto.